

**\$570+**  
**VALUE**

IF PURCHASED SEPARATELY



# Tool Kit

**Chao Zhang**



## **Tool Kit:**

Federal Item Name Directory for Supply Cataloging ,1989    *GSA Supply Catalog* ,1997    *Tables of Organization and Equipment, United States Army* United States. Adjutant-General's Office,1918    **Go Solar California : a Step by Step Tool Kit for Local Governments to Go Solar : California Energy Commission's New Solar Homes Partnership** ,2009

**Organizational, Direct Support, General Support and Depot Manual** ,1985    **Tool Kit for Rapid Economic Assessment, Planning, and Development of Cities in Asia** Brian H. Roberts,2015    *Tool Control* Anker L. Christensen,1926    *The HR Toolkit: An Indispensable Resource for Being a Credible Activist* Denise Romano,2010-04-16

Resolve any HR issue in a snap Solving office problems before they escalate marks the difference between success and failure for any HR professional The HR Toolkit provides what you need to resolve every imaginable challenge saving your company time and money With a handy indexed listing of the most common workplace conflicts and solutions The HR Toolkit offers simple actionable techniques you can start using right away In no time you ll be an expert on every issue and situation you face including Conflict resolution Performance management Job design Employee selection Workplace culture Codes of ethics Medical leave Fair labor standards Workplace Violence and Bullying Competitive Corporate Governance The HR Toolkit packs everything you need into one handy volume to help you increase both productivity and your company s bottom line by solving problems with diplomacy and skill Praise for The HR Toolkit Dozens of sample memos policies training aids exercises checklists and more that readers can use immediately for a wide range of HR tasks Author Denise A Romano an HR professional for more than 14 years does more than offer sample documents and review laws relevant to HR She urges HR professionals to be credible activists who are willing and well trained enough to point out when their companies are violating laws or just handling things improperly through inadvertent errors She also addresses HR professionals worries including advising them on coping with workplaces that devalue HR SHRM HR Magazine    **Factory and Industrial Management** John Robertson Dunlap,Arthur Van Vlissingen,John M. Carmody,1904    **Engineering Magazine** ,1905    **California Cultivator** ,1923    *The Fraternal Monitor* ,1922    Domestic Engineering ,1928    Domestic Engineering and the Journal of Mechanical Contracting ,1928    **Traction Shop and Roadway, Including Bus Maintenance** ,1928

*Traction Shop and Roadway* ,1928    Automobile Trade Journal and Motor Age ,1907    *Automobile Trade Journal* ,1908    Popular Science Monthly ,1923    The Metal Worker, Plumber and Steam Fitter ,1909

Immerse yourself in heartwarming tales of love and emotion with its touching creation, Tender Moments: **Tool Kit** . This emotionally charged ebook, available for download in a PDF format ( Download in PDF: \*), is a celebration of love in all its forms. Download now and let the warmth of these stories envelop your heart.

[https://thebrandexperience.com/files/publication/index.jsp/Planner\\_Coworking\\_Spaces.pdf](https://thebrandexperience.com/files/publication/index.jsp/Planner_Coworking_Spaces.pdf)

## **Table of Contents Tool Kit**

1. Understanding the eBook Tool Kit
  - The Rise of Digital Reading Tool Kit
  - Advantages of eBooks Over Traditional Books
2. Identifying Tool Kit
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Tool Kit
  - User-Friendly Interface
4. Exploring eBook Recommendations from Tool Kit
  - Personalized Recommendations
  - Tool Kit User Reviews and Ratings
  - Tool Kit and Bestseller Lists
5. Accessing Tool Kit Free and Paid eBooks
  - Tool Kit Public Domain eBooks
  - Tool Kit eBook Subscription Services
  - Tool Kit Budget-Friendly Options
6. Navigating Tool Kit eBook Formats

- ePub, PDF, MOBI, and More
- Tool Kit Compatibility with Devices
- Tool Kit Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Tool Kit
  - Highlighting and Note-Taking Tool Kit
  - Interactive Elements Tool Kit
- 8. Staying Engaged with Tool Kit
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Tool Kit
- 9. Balancing eBooks and Physical Books Tool Kit
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Tool Kit
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Tool Kit
  - Setting Reading Goals Tool Kit
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Tool Kit
  - Fact-Checking eBook Content of Tool Kit
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

## Tool Kit Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Tool Kit free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Tool Kit free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Tool Kit free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Tool Kit. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Tool Kit any PDF

files. With these platforms, the world of PDF downloads is just a click away.

## FAQs About Tool Kit Books

**What is a Tool Kit PDF?** A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a Tool Kit PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a Tool Kit PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a Tool Kit PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobat's export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a Tool Kit PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

## Find Tool Kit :

[planner coworking spaces](#)

**checklist project management tools**

**trending virtual reality office**

**virtual collaboration checklist**

framework virtual reality office

hybrid work tips

**ideas project management tools**

**framework async communication**

ideas project management tools

tutorial virtual reality office

**planner virtual collaboration**

*ideas work from home setup*

*advanced work from home setup*

~~future of work tutorial~~

coworking spaces for beginners

**Tool Kit :**

*oce 9400 manuals manualslib* - Aug 05 2023

web manuals and user guides for oce 9400 we have 2 oce 9400 manuals available for free pdf download user manual oce 9400 user manual 163 pages

**oce 9400 service manual download** - Apr 20 2022

web mar 10 2022 your manual is processed by our team in priority order for a fee of 50 we will expedite the delivery of your instruction manual if you dont wish to use our priority service this service is optional and can be unselected from the order summary box in our checkout page due to a planned power outage on friday 1 14 between 8am 1pm pst

oce 9400 user manual download manuals group - Feb 28 2023

web user manual oce 9400 this user manual also called owner s manual or operating instructions contains all information for the user to make full use of the product this manual includes a description of the functions and capabilities and presents instructions as step by step procedures

**oce 9400 user manual pdf download manualslib** - May 02 2023

web view and download oce 9400 user manual online 9400 printer pdf manual download

**océ 9400 user manual english 167 pages** - Oct 27 2022

web view the manual for the océ 9400 here for free this manual comes under the category printers and has been rated by 1 people with an average of a 7.2 this manual is available in the following languages english

*oce 9400 service manual free download* - Mar 20 2022

web feb 6 2014 oce 9400 service manual free download volvo xc60 0 0 0 kevin j 26 may household appliances air conditioners indoor furnishings water heaters view all manuals oct 11 2022 10 22 rrg 23 apr for more convenience the user s manual you are looking for will be sent via a download link in pdf format to your mailbox you can

**download oce 9400 ii service workshopdoctype3 repair manual** - Dec 29 2022

web operating instructions user manual owner s manual installation manual workshop manual repair manual service manual illustrated parts list electric schematics electronic schematics oce 9400 ii download processing

**océ 9400 9400 ii canon global** - Sep 06 2023

web océ 9400 user manual pdf 10.5mb océ 9400 ii user manual pdf 9.1mb remote control format manual pdf 2.8mb reference manual for rcf r2 0 as used in the océ g9000 9400 9400 ii 9500 9600 9700 and 9800 plotters

**oce 9400 user manual pdf download manualslib** - Jul 04 2023

web view and download oce 9400 user manual online wide format printing system 9400 printer pdf manual download

download oce 9400 ii service workshop manual pdf - Nov 27 2022

web operating instructions user manual owner s manual installation manual workshop manual repair manual service manual illustrated parts list electric schematics electronic schematics oce 9400 ii download processing

oce 9400 ii manuals manualslib - Oct 07 2023

web manuals and user guides for oce 9400 ii we have 3 oce 9400 ii manuals available for free pdf download user manual oce 9400 ii user manual 167 pages

**oce 9400 ii user manual pdf download manualslib** - Apr 01 2023

web view and download oce 9400 ii user manual online 9400 ii all in one printer pdf manual download

**oce 9400 i user manual pdf download manualslib** - Sep 25 2022

web view and download oce 9400 i user manual online wide format printing system 9400 i printer pdf manual download also for 9400 ii

**downloads drivers manuals software firmware and safety** - May 22 2022

web download drivers manuals software firmware safety documents and other customer support files optional sidebar menu lorem ipsum dolor sit amet lorem ipsum dolor sit amet consectetur adipisicing elit sed do eiusmod tempor incididunt ut labore et dolore magna aliqua ut enim ad minim veniam quis nostrud exercitation ullamco laboris

**oce 9400 service manual pdf** - Feb 16 2022

web collections of manuals for products games and materials related to atari and atari derivatives oce 9400 service manual pdf caldigit vr2 manual hotpoint refrigerator hsm25gftsa manual vp mx10 manual albert street calculator manual nikon coolpix l16 camera user manual linksys wireless router wrt160n user manual

*oce 9400 service manual free* - Jul 24 2022

web service manual for oce 7050 and 7055 wide format copiers 2441 kb 7785 oce 7055 tu 9400 pdf 06 03 22 harman kardon tu tu 9400 tu 9400 pdf 7578 kb 5 harman kardon tu 9400 service manual en part1 rar 08 07 07 dell inspiron 9400 service manual 2009 kb 3598 dell inspiron 9400 kenwood kr 9400 service manual z04

download free oce 9400 service manual 8 alexander capital - Aug 25 2022

web may 21 2023 the oce 9400 service manual 8 is a user manual that covers both the printer and the scanner of the oce 9400 wide format printing system it is divided into four parts the first part deals with the features and functions of the printer and the scanner such as the operating panels the buttons the display the messages and the modes

*oce 9400 ii user manual manualzz* - Jan 30 2023

web 114 océ 9400 ii user manual service this menu is intended only for the océ service technician advanced printer menu functions 115 116 océ 9400 ii user manual océ 9400 i user manual chapter 9 troubleshooting this chapter describes problems that may occur while using the océ 9400 ii 117 troubleshooting the printer

*oce 9400 ii user manual pdf download manualslib* - Jun 22 2022

web view and download oce 9400 ii user manual online oce printing system 9400 ii all in one printer pdf manual download

**oce 9400 service manual by o118 issuu** - Jun 03 2023

web jan 16 2018 get oce 9400 service manual pdf file for free from our online library related pdfs for oce 9400 service manual oce 9400 service manual download file type pdf oce 9400 service manual

*the courtier voltaire a very short introduction oxford academic* - Aug 03 2022

web voltaire a very short introduction very short introductions oxford 2017 online edn oxford academic 23 feb 2017 doi org 10 1093 actrade 9780199688357 003 0006 accessed 21 sept 2022

voltaire a very short introduction researchgate - Jan 08 2023

web mar 1 2017 voltaire a very short introduction explores voltaire s remarkable career his most important works and demonstrates how his thinking is pivotal to our notion and understanding of the

*voltaire a very short introduction by nicholas cronk goodreads* - Jun 01 2022

web feb 11 2015 54 ratings6 reviews voltaire 1694 1778 best remembered as the author of candide is one of the central actors arguably the defining personality of the european enlightenment in this very short introduction nicholas cronk explores voltaire s remarkable career and demonstrates how his thinking is pivotal to our notion and

*voltaire a very short introduction oxford academic* - Aug 15 2023

web feb 23 2017 *voltaire a very short introduction* explores voltaire s remarkable career his most important works and demonstrates how his thinking is pivotal to our notion and understanding of the enlightenment it examines the nature of voltaire s literary celebrity demonstrating the extent to which his work was reactive and practical and therefore

**voltaire a very short introduction oxford academic** - Feb 09 2023

web voltaire a very short introduction very short introductions oxford 2017 online edn oxford academic 23 feb 2017 doi org accessed 30 nov 2022

**voltaire a very short introduction nicholas cronk google books** - Jul 02 2022

web in this very short introduction nicholas cronk explores voltaire s remarkable career and demonstrates how his thinking is pivotal to our notion and understanding of the enlightenment

**voltaire simple english wikipedia the free encyclopedia** - Dec 27 2021

web voltaire françois marie arouet also known as voltaire 1 was a french philosopher he was born in 1694 and grew up in poitou he died in paris in 1778 voltaire did not like france at the time because he thought that it was old fashioned he also did not like the church and thought that people should be allowed to believe what they want

**voltaire a very short introduction nicholas cronk oxford** - Jun 13 2023

web apr 1 2017 *very short introductions* explores voltaire s life career and most important works looks at the factors that influenced his work how theatre played a part in understanding his work as a writer and his impact as an empirical philosopher

*voltaire wikipedia* - Jan 28 2022

web françois marie arouet french fʁɑ swa maʁi aʁvɛ 21 november 1694 30 may 1778 was a french enlightenment writer philosopher and historian known by his nom de plume m de voltaire v ɔ l ' t ɛər v ɔ s l also us v ɔː l french vɔltɛːʁ he was famous for his wit in addition to his criticism of christianity especially of the roman catholic church and

**voltaire a very short introduction oxford university press** - Nov 06 2022

web oct 6 2019 *voltaire 1694 1778* best remembered as the author of *candide* is one of the central actors arguably the defining personality of the european enlightenment in this very short introduction nicholas cronk explores voltaire s remarkable career and demonstrates how his thinking is pivotal to our notion and understanding of the

**voltaire a very short introduction oxford academic** - Apr 11 2023

web cronk nicholas the epicurean poet voltaire a very short introduction very short introductions oxford 2017 online edn oxford academic 23 feb 2017 doi org 10 1093 actrade 9780199688357 003 0003 accessed 15 july 2023

*voltaire a very short introduction very short int uniport edu* - Sep 04 2022

web apr 6 2023 [voltaire a very short introduction very short intr pdf pdf webas this voltaire a very short introduction very short intr pdf it ends occurring swine one of the favored book voltaire a very short introduction very short intr pdf collections that we have this is why you remain in the best website to see the unbelievable ebook to have](#)

[voltaire a very short introduction oxford academic](#) - May 12 2023

web very short introductions one of voltaire s lesser known claims to fame is that he was a fellow of the royal society he was elected in 1743 three years before his elevation to the académie française and this public recognition was important to him

**voltaire a very short introduction in searchworks catalog** - Mar 30 2022

web select search scope currently catalog all catalog articles website more in one search catalog books media more in the stanford libraries collections articles journal articles other e resources

[voltaire a very short introduction very short introductions](#) - Apr 30 2022

web in this very short introduction nicholas cronk explores voltaire s remarkable career and demonstrates how his thinking is pivotal to our notion and understanding of the enlightenment

[voltaire biography works philosophy ideas beliefs facts](#) - Dec 07 2022

web aug 17 2023 [voltaire pseudonym of françois marie arouet born november 21 1694 paris france died may 30 1778 paris one of the greatest of all french writers although only a few of his works are still read he continues to be held in worldwide repute as a courageous crusader against tyranny bigotry and cruelty](#)

**voltaire a very short introduction oxford academic** - Jul 14 2023

web the introduction outlines the aims of this vsi it is an introduction to the making of voltaire an enlightenment celebrity it is also an examination of the way voltaire spent his whole life trying out different roles for size perfecting various authorial postures reinventing different ways to speak to and engage his audiences

**a very short introduction voltaire history by nicholas cronk** - Feb 26 2022

web this very short introduction examines voltaire s 1694 1778 remarkable life and career exploring his most important writings the impact his work had on our understanding of the european enlightenm

**voltaire a very short introduction oxford academic** - Mar 10 2023

web voltaire a very short introduction very short introductions oxford 2017 online edn oxford academic 23 feb 2017 doi org 10 1093 actrade 9780199688357 002 0008 accessed 5 oct 2022

**index voltaire a very short introduction oxford academic** - Oct 05 2022

web voltaire a very short introduction very short introductions oxford 2017 online edn oxford academic 23 feb 2017 doi org accessed 29 dec 2022

**free organ midi files ready to play the organ forum** - Aug 08 2023

web a complete j s bach works catalog a directory of internet resources recommended recordings midi files realaudio files images icons links and a monthly bach quiz

**organ mid free midi bitmidi** - Jun 06 2023

web easy and quick to install all included organs are fully set up just connect one or more midi keyboards and a touch screen monitor select your organ and begin playing the correct

**organ midi files download for free midiworld com** - Apr 04 2023

web midi files for miditzer 150 160 216 and 260 download eplayorgan a multi purpose translating virtual pipe organ windows imac and linux estey player organ e roll

midimusic computer processed music github pages - Mar 03 2023

web the pack contains 40 terrific midi loops performed by top session keyboardist steve burton each loop ranges from 4 12 bars in length and every midi file is labelled with the original

allen organ midi file downloads - Sep 09 2023

web jan 29 2018 free organ midi files ready to play 01 29 2018 10 55 am does anyone know if there exists a website where one could download for free or perhaps with a

**johann sebastian bach organ music kunstderfuge com** - Aug 28 2022

web may 9 2004 the classical midi organ stop contains a large collection of classical and religious midi sequences all suitable for worship the pipe organ sequences were

**dave s j s bach page midi files organ works** - Jul 07 2023

web listen to organ mid a free midi file on bitmidi play download or share the midi song organ mid from your web browser

midi files for church organ hymnary org - Apr 23 2022

web organ midi file translation organ midi file translation by david back january 2019 updated may and july 2019 and march 2020 how to translate organ midi files to play

classical midi organ stop - May 25 2022

web description the presented device is a four manual organ console controller it supports great hw choir cw swell sw and pedal pw divisions push buttons toggle

*organ midi made simple edit and translate midi* - Nov 30 2022

web the largest resource of classical music in mid files 20 years anniversary 2002 2022 listen to 5 files day for free or subscribe to have unlimited midi midi zip downloads

beanfield castle midi files organ - Mar 23 2022

web oct 24 2023 it also has a new organteq organ which allows translation of hundreds of my website s organ midi files to

---

play on organteq organs as before it comes with a  
[virtual organ console unit the midi association](#) - Feb 19 2022

web midimusic provides archives of wurlitzer and estey music rolls in e roll format these are downloadable and the music can be played using eplayorgan an archive of miditzer

**the best midifiles of organ works magle international music** - Jul 27 2022

web i now have over close to 1000 midi files made for johannus organs who offer a midi sequencer but it would work on any organ that accepts midi this was a project that

**wurlitzer band organ music rolls github pages** - Sep 28 2022

web this is an archive of all the miditzer organ midi files contained in the miditzer forum these midi files contain all of their original controls all of the music below can be

[midi file downloads viscount organs](#) - Oct 10 2023

web download instructions downloads on this page are compressed into zip format click on the file you wish to download click save to save the file to your hard drive

[classical midi files popular favourites for free download](#) - Oct 30 2022

web oct 14 2013 1 hi i think i have never heard such high quality midifiles great thanks to dom bedos friends

**allen midi assistant allen organ company** - Feb 02 2023

web classical midi files this page lists all our midi classical music in composer order alphabetically by surname these pieces are also available as mp3 files in our

[midimusic browse files at sourceforge net](#) - Dec 20 2021

**midi keys organ producerloops com** - Jan 01 2023

web miditzer theatre organs miditzer midi file archive playable midi files for miditzer organs 150 160 216 and 260 miditzer archive miditzer midi file archive wurlitzer band organ

**eplayorgan github pages** - May 05 2023

web search result besame mucho electone organ moods ong cmu lampang thailand 2014 download please install flash feelings johnny mathis 1975 in electone

**midi organ free download sourceforge** - Nov 18 2021

[miditzer archive github pages](#) - Jun 25 2022

web organ other instruments organ a johann sebastian bach midi page this extensive site by bryen travis has a wonderful

collection of bach organ pieces midis from the  
**organ file conversion github pages** - Jan 21 2022