

Chapter -13
Other Useful Free Tools and Services

1. Which files are developed by the computer scientists, to place a whole directory structure into a single file?
a) **Archive** b) Directory c) root d) Explorer
2. Which techniques are used for reducing the storage requirements of computer files and directory structures?
a) **Data compression** b) Data Cryptography
c) Data reduction d) Data initialization
3. Which techniques is generally works by identifying repetition in the data and encoding the data in a way that reduces or eliminates such repetition?
a) **Data compression** b) Data Cryptography
c) Data reduction d) Data initialization
4. Actual data compression programs use sophisticatedbased on information theory to achieve even greater reduction in size.
a) **algorithms** b) Flowchart c) program d) Script
5. Linux provides ready-made free and open source software for managing archive files, it is calledManager.
a) System b) **Archive** c) Client d) Server
6. Manager permits us to combine many files or an entire directory tree into a single file.
a) System b) **Archive** c) Client d) Server
7. What do you mean by combine many files or an entire directory tree into a single file?
a) System b) **Archive** c) Client d) Server
8. Which is the most common archive format in Linux OS?
a) **tar** b) zip c) rar d) jar
9. Which of the following is the full form of tar?
a) **tape archiver** b) tap archive c) Tap arc d) tape anchor
10. The compressed file has the extension tar.gz which is called what?
a) **tar ball** b) tar bell c) tape ball d) tare bell
11. The..... is a very common format for distributing software or bundles of files on the Linux OS.
a) **tar ball** b) tar bell c) tape ball d) tare bell
12. Thefiles in Java and the OpenOffice.org office suite formats use zip compression.
a) tar b) zip c) rar d) **jar**

13.Manager can be used to explore the contents of archives, to extract files from the archives, to add new files to the archive, to delete files from the archive and perform other such operations.
 a) System b) **Archive** c) Client d) Server
14. One can double click on an archive file in thefile browser to start the archive manager.
 a) **Nautilus** b) System c) Explorer d) Root
15. A newfile can be created by right clicking a file or directory and selecting the compress option from the context menu.
 a) System b) **Archive** c) Client d) Server
16. Archive manager can be added to thesub menu of the Application menu in Linux OS.
 a) **accessories** b) Graphics c) Internet d) Office
17. The Manager helps us in creating and using archive files for backup, for transfer via an external storage device, for transfer via network, for saving disk space etc.
 a) System b) **Archive** c) Client d) Server
18. VLC is the popular s/w because of its
 a) versatility b) features c) redundancy d) **both a and b**
19. The conversion (coding) and reverse conversion (decoding) is performed by a software component called
 a) **codec** b) code c) Script d) Language
20. The full form of coded is
 a) **coder decoder** b) code decode c) co deco d) comprehensive de
21. The advantage of VLC is that it supports all the popularand hence all the popular formats.
 a) **codec** b) code c) Script d) Language
22. Which of the following media player supports all the major types of devices including web cameras, HD monitors, speakers of all types, microphones, headphones.
 a) **VLC** b) RAR c) Impress d) Powerpoint
23. Which of the following media player can convert multimedia files form one format to another?
 a) VLC b) Windows c) Impress d) video
24. VLC media player starts from which menu option?
 a) **Application → Sound & Video** b) Places → Sound & Video
 c) Application → Accessories d) Application → Media player

25. The playlist can be opened using themenu-option and saved using the Media → Save Playlist to File option in VLC media player.
 a) **View** → **Playlist** b) Media → Playlist c) Show → Playlist d) None
26. Which bar shows how much of the current track has been played and what is its total duration in VLC?
 a) Status b) **Progress** c) Task d) Menu
27. VLC can be converted into multimedia files from one format to another by selectingmenu-option.
 a) **Media** → **Convert / Save** b) Media → Convert
 c) Edit → Convert / Save d) Media → Saveas
28. Google Maps service is a free Internet-based service provided by
 a) Google b) Sun microsystem c) Apple d) Macintosh
29. allows users to upload photographs of the place and post reviews of the place?
 a) **Google Maps** b) Location c) Navigation d) Maps
30. Which service can be accessed from the web browser by opening the web site <http://www.google.co.in> and select the Maps options from the top menu?
 a) **Google Maps** b) Location c) Navigation d) Maps
38. Which URL address is used to open Google Maps Service directly?
 a) **http://maps.google.co.in** b) www://maps.google.co.in
 c) http://maps.google.org d) www.google.com.maps
39. The full form of GPS is.....
 a) **Global Positioning System** b) Global Positioning Server
 c) Global Present System d) Global Present Server
40. The GPS system finds a user's location with an estimated error of only few meters usingsignals.
 a) **satellite** b) Server c) Wire d) Router
41. Which slider bar on the left allows us to zoom in and out on the map?
 a) **Vertical slider bar** b) Horizontal bar c) Status bar d) Task bar
43. Which maps can show the information of a place in different forms?
 a) **Google maps** b) Location c) Navigation d) Maps
44. Which button is used to switch to the satellite image view?
 a) **Satellite** b) Browse c) image d) Map
45. In which view, the images taken by satellites in the sky are shown?
 a) **Satellite image view** b) Map view
 c) image view d) Browse view

46. Which program can be used to enter Unicode characters into any application?
 a) **Character Map** b) Unicode Map c) ASCII Map d) True Map
47. In the character Map program, user first selects the script form the left pane and then double click characters to insert them into thearea below.
 a) **text to copy** b) Paste c) Copy d) Text area
48. Which details of the character currently selected with single-click or entered with double-click are shown in the status line at the bottom of the character map?
 a) **Brief** b) definition c) image d) video
50. Which tab is used to get more details on the character in character map dialog box?
 a) **Character Details** b) Brief details c) View details d) Unidcode
51. Which software is a free software environment for statistical computing and is used for statistical analysis?
 a) **R** b) Writer c) C d) Java
52. Which software has its own scripting language and also case-sensitive language?
 a) **R** b) Writer c) C d) Java
53. Which software has two work environments namely command line and Graphical?
 a) **R** b) Writer c) C d) Java
54. How many environments are available in R software?
 a) **Two** b) Three c) one d) four
55. Which of the following environments are available in R software?
 a) command line b) Graphical c) animation d) **both a and b**
55. Which graphic editors are used to install R software in a GUI environment from Ubuntu Software Center?
 a) **R Commander or Rstudio** b) R Calc c) R Base d) R Writer
56. Which command is used to install R Software through terminal ?
 a) **sudo apt-get install r-base r-base-dev**
 b) sudo apt-get install c) sudo apt-install r-base d) install r-base
57. To invoke the R scripts form terminal window, open terminal and typeon the command prompt.
 a) **R** b) R-base c) R-apt d) R-get

58. Which symbol is used as the comment maker, just like the Linux shell in R software?
 a) **#** b) % c) \$ d) >
59. Which are the basic data types in R software?
 a) Number b) string c) Alphabet d) **Both a and b**
60. Which of the following data may be enclosed in single quotes or double quotes in R software?
 a) Number b) **string** c) Alphabet d) Both a and b
61. Any text following withmark up to end of the line, is treated as a comment in R Software.
 a) **#** b) % c) \$ d) >
62. Ordered lists of items (array or lists) are commonly used and all are also referred to as.....
 a) **Vectors** b) Raster c) bitmap d) Graphics
63. Lists are created using the....._function to combine several numbers into a single list in R software.
 a) **c** b) count c) ls d) cls
66. The statement `> a ← 10`, defines 'a' isand assigns it a value 10.
 a) **variable** b) Argument c) value d) statement
67. Which key is used to display the value of a variable?
 a) **Enter key** b) Shift key c) Ctrl key d) Insert key
69. In 'R' software, which of the following command is used for accessing the online help ?
 a) **help()** b) demo() c) help.start() d) demo.help()
70. In 'R' software, which of the following command is used for viewing some demonstrations?
 a) help() b) **demo()** c) help.start() d) demo.help()
71. In 'R' software, which of the following command is used to open the online help in a browser?
 a) help() b) demo() c) **help.start()** d) demo.help()
72. In 'R' software, which of the following command is used to get help on a particular function?
 a) **help(function name)** b) demo() c) help.demo() d) start()
73. The functiondisplays the list of all variables what we have defined.
 a) **ls()** b) list() c) lv() d) var()

74. A series of consecutive numbers (range) may be generated using which syntax?
 a) **start:end** b) top:bottom c) start:last d) first:last
75. In 'R' software, which of the following function is used to find minimum value for a list in R Software?
 a) **min(list)** b) small list() c) minimum(list) d) m(ls)
76. In 'R' software, which of the following function is used to find maximum value for a list in R Software?
 a) **max(list)** b) big list() c) maximum(list) d) m(ls)
77. In 'R' software, which of the following function is used to find mean for a list in R Software?
 a) **mean(list)** b) median(list) c) mode(list) d) max()
78. In 'R' software, which of the following function is used to find median for a list in R Software?
 a) **median(list)** b) mean(list) c) mode(list) d) max()
79. In 'R' software, which of the following function is used to create a bar graph in R software?
 a) **barplot()** b) plot() c) hist() d) graph()
80. By default the graph does not havelines.
 a) **grid** b) vector c) bar d) column
81. Which open source software designed to assist the project managers in preparing, maintaining and following a well defined project plan?
 a) **RationalPlan software** b) relational plan software
 c) Accounting software d) Document software
82. Which software assists the project managers throughout the life cycle of their projects?
 a) **RationalPlan software** b) relational plan software
 c) Accounting software d) Document software
83. RelationalPlan comprisesdifferent desktop products.
 a) 1 b) 2 c) **3** d) 4
84. RelationalPlan comprises Which types of different RationalPlan desktop products?
 a) single b) Multi c) Viewer d) **All of the above**
85. Which of the following desktop project of RelationalPlan allows us to manage independent projects that do not have common resources and has no interrelations between different projects?
 a) **single** b) Multi c) Viewer d) All of the above

86. Which of the following desktop project of RelationalPlan allows the manager to associate general project information like name, notes, links, assumptions, constraints or risks?
 a) **single** b) Multi c) Viewer d) All of the above
87. Which of the following desktop project of RelationalPlan allows creating, editing and deleting calendars, building schedules?
 a) **single** b) Multi c) Viewer d) All of the above
88. Which of the following desktop project of RelationalPlan allows us to manage projects that share company resources across projects and also manages interdependencies between projects?
 a) single b) **Multi** c) Viewer d) All of the above
89. RelationalPlan project includes all the features of RelationalPlan..... project?
 a) **single** b) Multi c) Viewer d) All of the above
90. Through Which of the following desktop project of RelationalPlan, we can generate a printable report as well as import data from other project management tool or export our data into other formats?
 a) **single** b) Multi c) Viewer d) All of the above
91. Which of the following desktop project of RelationalPlan allows links between tasks pertaining to different projects, analyzes all our projects data and creates a project Portfolio view?
 a) single b) **Multi** c) Viewer d) All of the above
92. Which of the following desktop project of RelationalPlan is an additional tool developed to share the project in its original file format (.xrp) , but it can be used as well to open Microsoft Project Files?
 a) single b) Multi c) **Viewer** d) All of the above
93. Which of the following desktop project of RelationalPlan is useful to anybody who needs to check and overview the project's evolution without making changes to the schedule and for resources to see their assignments?
 a) single b) Multi c) **Viewer** d) All of the above
94. Which are the instant messaging services used for real time chatting with text, audio and video facilities?
 a) Yahoo Messenger b) Google Talk c) Rediff Bol d) **All of the above**
95. Which software allows us to make calls over the Internet using our computer?
 a) **Skype** b) VLC c) Calc d) Writer
96. Which service allows users to communicate with peers using voice, video and text?
 a) **Skype** b) VLC c) Calc d) Writer

109. Which menu is used to save playlist in VLC media player?
 a) Media → Playlist → save b) **Media → Save playlist to file**
 c) Media → Save d) View → Playlist
110. Which services are provided by skype software in computer?
 a) Free phone calls b) Video conferencing
 c) Text file transfers d) **All of them**
111. From the following which different type of view can show the information of a place in Google maps?
 a) Map view b) Satellite view c) **Both a and b** d) image view
112. The full form of VLC media player is
 a) **Video LAN client** b) Video line client
 c) Wire LAN client d) Video LAN Connection

Textual Exercise

1. Which of the following refers to a file that has an entire directory structure inside it?
 a) apache b) archie c) **archive** b) archi
2. What is the full form of tar ?
 a) **Tape archiver** b) tech archiver c) test archiver b) tight archiver
3. For which types of archives is the password protection option available?
 a) zip b) tar.gz c)tar d) **both a and b**
4. Which of the following is a feature-rich media player?
 a) VAC b) VEC c) **VLC** d) VNC
5. What is the full form of VLC?
 a) **Video LAN Client** b) Video Line Coder
 c) Video Length coder d) Video List Creater
6. Which technology gives our location with accuracy?
 a) GRS b) GPRS c) GRPS d) **GPS**
7. Which program is used to enter Unicode characters into any application?
 a) Character Display b) Character Insert
 c) **Character Map** d) Character Select
8. Which command is used to quit form R?
 a) quit () b) **q ()** c) exit () d) close ()

9. Which function is used to create a bar graph in R?

- a) bar () b) plot() c) bargraph() d) **barplot()**

10. Which are different variants of RationalPlan?

- a) **Single, Multi and Viewer** b) singular, Multiple
c) View, Preview d) Server, Client