* rusers –

Displays a list of users who are logged on to remote machines on the local network. The term rusers comes from **R**emote **Users.** This command works by sending broadcast to each machine in the network and prints the response it receives.

* finger –

This is a user information lookup command. This command displays a detailed information of all the logged in users, the idle time, the login time and in some cases email address.

* ls-

This command shows the list of all the directory and files available in a certain location. This command lets the users view the files according to their name, last modified date, size etc.

* who –

This command lets users identify the current users logged into the device, this command gives very less information compared to finger.

* cat –

This a very useful command which allows users view contents of a file, if cat is used with the Linux redirection function it can be used to create a text file.

* ftp –

This command can be used to connect to an ftp server and transfer files in between devices. The users can download and upload files using this command.

* vi –

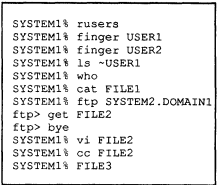
Vi is a terminal based text editor which allows users to create and edit files. This tool provides the same features as many graphical base text editors. This is a popular text editor among professionals since it’s mostly used in production environments. ( servers usually run with no Graphical user interface)

* cc –

This command is used to execute codes and executables written using C and C++ language. This command can be used to compile a source file and check for error and warnings in program. This command has several other features such as it can be used compile a code with ANSI standards.

* file –

This command is used to check the type of the file, this is a useful command when user wants to find a specific type of file. The file command has three types of tests such as file system test, magic test and language test.



* The author is trying to view the remote users in the network using the rusers command, this command will produce a list of all users who are logged on to the remote a device.
* Then the author is trying to find more information about the USER1 and USER2 , these users may have been identified from the previous rusers command.
* Then the author is viewing the list of contents in the USER1’s home directory.
* Then the author is using the who command to view the current logged in users the system.
* Then the author is viewing the contents of FILE1.
* Author is connecting to the SYSTEM2 on domain1 using FTP and downloading the FILE2 from the system.
* After downloading the FILE2 author is closing the ftp connection.
* Then the author is opening the FILE2 with a vi text editor, this could mean the author is making some changes into the FILE2.
* After possibility editing the file the author is trying to compile the FILE2, but the attempt will fail since the extensions are missing. The source file needs have a “**.c**” extension to successfully compile.
* After that the author is executing the FILE3, this could be an executable file which was in the system or the author accidently typed FILE2 instead of FILE3, in this case the FILE2 has to be compiled properly and made it an executable file before entering this command.