Question 3

1. reverse-i-search is used to search the history of commands using a search term to find commands entered earlier that matches the search term from the last entered command upwards until the end of history.

2. The ls -ap | egrep "^\..\*/$" command can be used to list hidden directories as it obtains the list of all directories and then checks if the directories start with a period and end with a slash.

3. I have four years of experience on linux operating system especially debian systems, i also learnt red hat and i am comfortable with all debian and red hat derived operating systems like ubuntu and cent os

4. Yes, I installed an apache web server on linux while learning web development, i used ftp to share files on few legacy operating systems. I know about smtp servers but never experimented with those