Assignment 2

1. What is tar command? Why is it used?

- Tar is used to create archive and extract the archive files. Tar command in Linux is one of the important command which provides archiving function in Linux. We can use tar command to create compressed or uncompressed archive files and also maintain and modify them.

2. Explain Regular Expressions and Grep?

- Grep is one of the most useful and powerful commands in Linux for text processing. Grep searches one or more input files for lines that match a regular expression and writes each matching line to standard output.

3. What is the minimum number of disk partitions required to install Linux?
- Minimum one partition is needed for root user.

4. How to copy a file in Linux?
- Cp is the command used to copy.
  Example : cp /home/ineuron/linux.txt /home/ineuron/Downloads.
  The linux.txt file will be copied to downloads.

5. How to terminate a running process in Linux?
- Sudo kill -9 process ID

6. How to rename a file in Linux?
   - Mv oldname newname

7. How to write the output of a command to a file?
   - Cat oldfile.txt > newfile.txt
     Oldfile contains the output and it is redirected to a new file called newfile.txt

8. How to see the list of mounted devices on Linux?
   - Findmnt

9. How to find where a file is stored in Linux?
   - There are 2 ways :
     - Locate = locate filename
     - Find = find /home/ineuron/Downloads/ -name filename

10. How to find the difference between two configuration files?
   - By using "diff" and "cmp" commands. Diff- difference and cmp- compare.