

Mod 2 Assessment

1. Use the appropriate command to list all files larger than 1 MB in the current directory and save the output to a file.

```
vishnu@vishnu:~/Documents/linux_assignments/assignment2$ find . -maxdepth 1 -type f -size +1M > files_greater_than_1MB.txt
```

2. Replace all occurrences of "localhost" with "127.0.0.1" in a configuration file named **config.txt**, and save the updated file as **updated_config.txt**.

```
vishnu@vishnu:~/Documents/linux_assignments/assignment2$ sed 's/localhost/127.0.0.1/g' config.txt > updated_config.txt
```

3. Use the appropriate command to search for lines containing the word "ERROR" in a log file but exclude lines containing "DEBUG". Save the results to a file named **filtered_log.txt**.

```
vishnu@vishnu:~/Documents/linux_assignments/assignment2$ grep "ERROR" log.txt | grep -v "DEBUG" > filtered_log.txt
```

4. Write a code to identify the process with the highest memory usage and then terminate it.

```
vishnu@vishnu:~/Documents/linux_assignments/assignment2$ ps aux --sort=-%mem | awk 'NR==2{print $2}' | xargs sudo kill -9
```

5. Use the networking tool command and print all the gateway available in a sorted manner

```
vishnu@vishnu:~/Documents/linux_assignments/assignment2$ ip route show | grep default | awk '{print $3}' | sort
```

```
192.168.64.1
```