Q1. A) Write and execute the following Commands on Linux

i) Create file a.txt using cat command.

Cat > a.txt

ii) Display first 5 lines of a.txt

head -n 5 a.txt

iii) Find the particular pattern from a.txt and display lines matching with pattern.

grep -n “pattern” a.txt

iv) Count number of words and characters of a.txt

wc -w | wc -c

v) Write and execute Vi command to delete N Character, starting with character under cursor.

Nx

N represents the number of characters you want to delete.

Q1.B) Write a shell script to display the file names that matches the given pattern

```
#!/bin/bash
pattern=$1
grep -rl "$pattern" *
```

Q2. Write a shell script which receives two file names as arguments. It should check whether the two file contents are same or not. If they are same then second file should be deleted.

```
#!/bin/bash
#!/bin/bash
file1="$1"
file2="$2"

if cmp -s "$file1" "$file2"; then
        rm "$file2"
           echo "Files have the same content. $file2
deleted."
      else
                echo "Files have different content."
fi
```

OR

Q2 Write a shell script that deletes all lines containing a specified word in one or more files supplied as arguments to it.

```
#!/bin/bash
file="$1"
word="$2"

echo "File before removing the word \"$word\":"
cat "$file"

sed -i "/$word/d" "$file"

echo "File after removing the word \"$word\":"
cat "$file"
```