

Date : 13/02/2023

PRACTICAL – 6

Program – 1 : Use switch case in a program to accept a file name and count :

- Number of words
- Number of lines
- Occurrence of a particular word in the file.

CODE :

```
GNU nano 6.2 SwitchCase
#!/bin/bash
echo -e "Enter the name of the file : \c"
read file_name

echo " What do you want to find ?"
echo " 1. Number of words "
echo " 2. Number of lines "
echo " 3. Occurrence of a particular word in a file "
echo -e "Enter your choice : \c"
read choice
case $choice in
    "1" )
        echo "Number of words : " `wc --word < $file_name` ;;
    "2" )
        echo "Number of Lines : " `wc --lines < $file_name` ;;
    "3" )
        echo -e "Enter the word : \c"
        read word
        grep -c "$word" $file_name ;;
esac
```

OUTPUT :

```
(kali@kali)-[~/Desktop/osLab]
$ cat justAfile.txt
This is just a random file for OS Lab purposes.
Today is a good day.
I am happy.

(kali@kali)-[~/Desktop/osLab]
$ ./SwitchCaseFile.sh
Enter the name of the file : justAfile.txt
What do you want to find ?
1. Number of words
2. Number of lines
3. Occurrence of a particular word in a file
Enter your choice : 1
Number of words : 18
```

```
(kali㉿kali)-[~/Desktop/osLab]
$ ./SwitchCaseFile.sh
Enter the name of the file : justAfile.txt
What do you want to find ?
1. Number of words
2. Number of lines
3. Occurence of a particular word in a file
Enter your choice : 3
Enter the word : is
2
```

```
(kali㉿kali)-[~/Desktop/osLab]
$ ./SwitchCaseFile.sh
Enter the name of the file : justAfile.txt
What do you want to find ?
1. Number of words
2. Number of lines
3. Occurence of a particular word in a file
Enter your choice : 2
Number of Lines : 3
```