

EmbedUR - Linux Training Program

Module - 4

Assignment – 27 (Case Statement)

- 1) Write a menu driven program for mathematical calculation
 - a. It should take user inputs a and b
 - b. It should ask for mathematical operator (+, -, / and *).
 - c. Do the calculation
 - d. Print the output

Output:

```
aswinsankesh@aswin-linux:~$ gedit case.sh &
[2] 2651
aswinsankesh@aswin-linux:~$ chmod +x case.sh
[2]+  Done                  gedit case.sh
aswinsankesh@aswin-linux:~$ ./case.sh
enter 1st number: 2
enter 2nd number: 3
What operation do you want to perform: +
5
aswinsankesh@aswin-linux:~$ ./case.sh
enter 1st number: 2
enter 2nd number: 3
What operation do you want to perform: *
6
aswinsankesh@aswin-linux:~$
```

File:

```
1 #!/bin/bash
2
3 read -p "enter 1st number: " num1
4 read -p "enter 2nd number: " num2
5 read -p "What operation do you want to perform: " op
6
7 case $op in
8
9   +) ans=$((num1 + num2))
10 ;;
11   -) ans=$((num1 - num2))
12 ;;
13   /) ans=$((num1 / num2))
14 ;;
15   *) ans=$((num1 * num2))
16 ;;
17 esac
18
19 echo "$ans"
20
```