

Nested and multilevel if elsif statements

- 1) Write a program to output different messages when number is:
 - a. Greater than 3
 - b. Lesser than 3
 - c. Or equal to 3
 - d. Or when the user input is empty

```
Open  nestedcond.sh
~/
1#!/bin/bash
2read -p "Enter a number: " n
3if [ $n -gt 3 ]; then
4    echo "Number is greater than 3"
5elif [ $n -lt 3 ]; then
6    echo "Number is lesser than 3"
7elif [ $n -eq 3 ]; then
8    echo "Number is equal to 3"
9else
10    echo "Invalid Number"
11fi
```

```
bgmadhavan@bgm-virtual-machine: ~
bgmadhavan@bgm-virtual-machine:~$ gedit nestedcond.sh &
[1] 5197
bgmadhavan@bgm-virtual-machine:~$ ./nestedcond.sh
Enter a number: 4
Number is greater than 3
bgmadhavan@bgm-virtual-machine:~$ ./nestedcond.sh
Enter a number: 3
Number is equal to 3
bgmadhavan@bgm-virtual-machine:~$ ./nestedcond.sh
Enter a number: 2
Number is lesser than 3
bgmadhavan@bgm-virtual-machine:~$ ./nestedcond.sh
Enter a number:
./nestedcond.sh: line 3: [: -gt: unary operator expected
./nestedcond.sh: line 5: [: -lt: unary operator expected
./nestedcond.sh: line 7: [: -eq: unary operator expected
Invalid Number
bgmadhavan@bgm-virtual-machine:~$
```