## Spoken Tutorials - Bash Assignment Funded by the National Mission on Education through ICT Indian Institute of Technology Bombay, http://spoken-tutorial.org

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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

## Code:

```
#!/bin/bash

read -p "Enter the number: " number

if [ -z $number ]; then

echo -e "Input is empty\n"

elif [ $number -eq 3 ]; then

echo -e "The number is equal to 3\n"

elif [ $number -gt 3 ]; then

echo -e "The number is greater than 3\n"

else

echo -e "The number is less than 3\n"

fi
```

## Output:

```
harsh@harsh:~$ ./assignment20.sh
Enter number: 23
The number is greater than 3
harsh@harsh:~$ ./assignment20.sh
Enter number: 1
The number is less than 3
harsh@harsh:~$ ./assignment20.sh
Enter number: 3
The number is equal to 3
harsh@harsh:~$ ./assignment20.sh
Enter number: Input is empty
harsh@harsh:~$
```