

If-then Scripts:

Check the variable

```
#!/bin/bash

count=100
if [ $count -eq 100 ]
then
    echo Count is 100
else
    echo Count is not 100
fi
```

Check if a file error.txt exist

```
#!/bin/bash

clear
if [ -e /home/iafzal/error.txt ]

    then
        echo "File exist"
    else
        echo "File does not exist"
fi
```

Check if a variable value is met

```
#!/bin/bash

a=`date | awk '{print $1}'`
if [ "$a" == Mon ]

    then
        echo Today is $a
    else
        echo Today is not Monday
fi
```

Check the response and then output

```
#!/bin/bash

clear
echo
echo "What is your name?"
echo
read a
echo

echo Hello $a sir
echo

echo "Do you like working in IT? (y/n)"
read Like
echo

if [ "$Like" == y ]
then
echo You are cool

elif [ "$Like" == n ]
then
echo You should try IT, it's a good field
echo
fi
```

Other If statements

If the output is either Monday or Tuesday

```
if [ "$a" = Monday ] || [ "$a" = Tuesday ]
```

Test if the error.txt file exist and its size is greater than zero

```
if test -s error.txt
```

<pre>if [\$? -eq 0]</pre>	If input is equal to zero (0)
<pre>if [-e /export/home/filename]</pre>	If file is there
<pre>if ["\$a" != ""]</pre>	If variable does not match
<pre>if [error_code != "0"]</pre>	If file not equal to zero (0)

Comparisons:

```
-eq    equal to for numbers
==    equal to for letters
-ne    not equal to
!=    not equal to for letters
-lt    less than
-le    less than or equal to
-gt    greater than
-ge    greater than or equal to
```

File Operations:

-s file exists and is not empty
-f file exists and is not a directory
-d directory exists
-x file is executable
-w file is writable
-r file is readable