Shell Scripting Assignment Loops

1. For Loop

```
rohan@rohan-virtual-machine:~/shell$ vi for.sh
rohan@rohan-virtual-machine:~/shell$ bash for.sh
table of 5: 5
table of 5: 10
table of 5: 20
table of 5: 25
table of 5: 30
table of 5: 35
table of 5: 40
table of 5: 45
table of 5: 50
rohan@rohan-virtual-machine:~/shell$
```

```
rohan@rohan-virtual-machine:~/shell$ vi for2.sh
rohan@rohan-virtual-machine:~/shell$ bash for2.sh
Even number are i: 2
Even number are i: 4
Even number are i: 6
Even number are i: 8
Even number are i: 10
Even number are i: 12
Even number are i: 14
Even number are i: 16
Even number are i: 18
Even number are i: 20
Even number are i: 22
Even number are i: 24
Even number are i: 26
Even number are i: 28
Even number are i: 30
Even number are i: 32
Even number are i: 34
Even number are i: 36
Even number are i: 38
Even number are i: 40
Even number are i: 42
Even number are i: 44
Even number are i: 46
Even number are i: 48
Even number are i: 50
Even number are i: 52
Even number are i: 54
Even number are i: 56
Even number are i: 58
Even number are i: 60
Even number are i: 62
Even number are i: 64
Even number are i: 66
Even number are i: 68
Even number are i: 70
```

2. While Loop

```
rohan@rohan-virtual-machine:~/shell$ vi while.sh
rohan@rohan-virtual-machine:~/shell$ bash while.sh
numbers from 0 to 20 0
numbers from 0 to 20 1
numbers from 0 to 20 2
numbers from 0 to 20 3
numbers from 0 to 20 4
numbers from 0 to 20 5
numbers from 0 to 20 6
numbers from 0 to 20 7
numbers from 0 to 20 8
numbers from 0 to 20 9
numbers from 0 to 20 10
numbers from 0 to 20 11
numbers from 0 to 20 12
numbers from 0 to 20 13
numbers from 0 to 20 14
numbers from 0 to 20 15
numbers from 0 to 20 16
numbers from 0 to 20 17
numbers from 0 to 20 18
numbers from 0 to 20 19
numbers from 0 to 20 20
rohan@rohan-virtual-machine:~/shellS
```

```
# /bin/bash/sh
i=10;
while [ $i -ge 0 ];
do
echo "Reverse order number $i"
let i--;
done
~
~
~
~
~
~
~
~
~
~
~
"while2.sh" 8 lines, 90 bytes
```

```
rohan@rohan-virtual-machine:~/shell$ vi while2.sh
Reverse order number 10
Reverse order number 9
Reverse order number 8
Reverse order number 7
Reverse order number 6
Reverse order number 5
Reverse order number 4
Reverse order number 3
Reverse order number 1
Reverse order number 1
Reverse order number 1
Reverse order number 0
rohan@rohan-virtual-machine:~/shell$
```