## **UNTIL LOOP IN SHELL SCRIPT**

1. Print 1 to 10 using until loop

```
rohan@rohan-virtual-machine: ~/shell
 F1
#!/bin/sh
a=0
until [ $a -gt 10 ]
do
   echo $a
   a=`expr $a + 1`
done
"until1.sh" 9 lines, 74 bytes
```

```
rohan@rohan-virtual-machine:~/shell$ vi until1.sh
rohan@rohan-virtual-machine:~/shell$ bash until1.sh
0
1
2
3
4
5
6
7
8
9
10
rohan@rohan-virtual-machine:~/shell$
```

2. Compare using until loop

```
rohan@rohan-virtual-machine: ~/shell
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#!/bin/bash
echo "until loop"
i=10
until [ $i == 1 ]
do
    echo "$i is not equal to 1";
    i=$((i-1))
done
echo "i value is $i"
"until2.sh" 9 lines, 130 bytes
```

```
rohan@rohan-virtual-machine:~/shell$ vi until.sh
rohan@rohan-virtual-machine:~/shell$ vi until2.sh
rohan@rohan-virtual-machine:~/shell$ bash until2.sh
until loop
10 is not equal to 1
9 is not equal to 1
8 is not equal to 1
7 is not equal to 1
5 is not equal to 1
4 is not equal to 1
2 is not equal to 1
2 is not equal to 1
i value is 1
```

## 3. Skip iteration using continue and until loop

```
rohan@rohan-virtual-machine: ~/shell
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count=0
until false
do
 ((count++))
 if [[ $count -eq 5 ]]
 then
    continue
 elif [[ $count -ge 10 ]]
 then
    break
 fi
 echo "Counter = $count"
done
"until3.sh" 13 lines, 161 bytes
```

```
rohan@rohan-virtual-machine:~/shell$ vi until3.sh
rohan@rohan-virtual-machine:~/shell$ bash until3.sh
Counter = 1
Counter = 2
Counter = 3
Counter = 4
Counter = 6
Counter = 7
Counter = 7
Counter = 8
Counter = 9
rohan@rohan-virtual-machine:~/shell$
```