

ASSIGNMENT 3

Name= ANKIT GONDHA

Roll nu.= UI21CS10

Subject = Operating systems

ASUS@LAPTOP-1E6V8335 ~

```
$ a=5
```

```
while [ $a -gt 0 ];
```

```
do
```

```
    echo "IIIT SURAT"
```

```
    ((a--))
```

```
done
```

```
IIIT SURAT
```

```
IIIT SURAT
```

```
IIIT SURAT
```

```
IIIT SURAT
```

```
IIIT SURAT
```

ASUS@LAPTOP-1E6V8335 ~

```
$ |
```

ASUS@LAPTOP-1E6V8335 ~

```
$ for n in {1..5};
```

```
do
```

```
    echo "IIIT SURAT"
```

```
done
```

```
IIIT SURAT
```

```
IIIT SURAT
```

```
IIIT SURAT
```

```
IIIT SURAT
```

```
IIIT SURAT
```

ASUS@LAPTOP-1E6V8335 ~

```
$ |
```

```
ASUS@LAPTOP-1E6V8335 ~  
$ echo -n "Enter Number: "  
read x  
  
if [  $$(x\%2)$  == 0 ]; then  
    echo "Number is Even"  
else  
    echo "Number is Odd"  
fi  
Enter Number: 5  
Number is Odd  
  
ASUS@LAPTOP-1E6V8335 ~  
$
```

```
ASUS@LAPTOP-1E6V8335 ~  
$ echo "Enter Num1"  
read num1  
echo "Enter Num2"  
read num2  
echo "Enter Num3"  
read num3  
  
if [ $num1 -gt $num2 ] && [ $num1 -gt $num3 ]  
then  
    echo "MAX -" $num1  
elif [ $num2 -gt $num1 ] && [ $num2 -gt $num3 ]  
then  
    echo "MAX -" $num2  
else  
    echo "MAX -" $num3  
fi  
Enter Num1  
5  
Enter Num2  
2  
Enter Num3  
1  
MAX - 5  
  
ASUS@LAPTOP-1E6V8335 ~  
$ |
```

ASUS@LAPTOP-1E6V8335 ~

\$ # number

p=5;

```
for ((m=1; m<=p; m++))  
do
```

```
    # This loop print spaces  
    # required
```

```
    for ((n=1; n<=m; n++))  
    do  
        echo -ne "#";  
    done
```

```
    for ((a=1; a<=p-m; a++))  
    do  
        echo -ne " ";  
    done
```

```
    # New line  
    echo;
```

```
done
```

```
#
```

```
##
```

```
###
```

```
####
```

```
#####
```

ASUS@LAPTOP-1E6V8335 ~

\$ |

```
ASUS@LAPTOP-1E6V8335 ~  
$ # number  
p=5;  
  
for ((m=1; m<=p; m++))  
do  
    # This loop print spaces  
    # required  
  
    for ((n=1; n<=p-m; n++))  
    do  
        echo -ne " ";  
  
    done  
  
    for ((a=1; a<=m; a++))  
    do  
        echo -ne "#";  
    done  
  
    # New line  
    echo;  
done  
#  
##  
###  
####  
#####
```

```
ASUS@LAPTOP-1E6V8335 ~  
$ |
```