**Day6: Practice Problems for loop**

Question No. – 1

* read -p "Enter a number : " a
* for((i=1;i<11;i++))
* do
* echo $(($a\*\*$i))
* done

Question No. – 03

read -p "Enter a number : " a

for (( i=2;i<=$a/2;i++ ))

do

if [ $(( $a%i )) -eq 0 ]

then

echo "$a is not Prime"

exit 0

fi

done

echo "$a is Prime"

Question No. -05

read -p "Enter a number : " a

f=1

for (( i=2;i<=a;i++ ))

{

f=$((f\*i))

}

echo $f

**Day6 – Practice Problems using While loop**

Question No. -01

* read -p "Enter a number : " a
* x=2
* while [ $a -le 256 ]
* do
* echo $(($x\*\*$a))
* ((a++))
* Done

Question No. – 02

* read -p “Enter a number : “ a
* i=1
* while [ $i -le 100 ]
* do
* if [ $i -eq $a ]
* then
* echo $a is a magic number
* exit 0
* ((i++))
* fi
* done