**Exp 2**

**Code:**

//Factorial of Number

echo "enter num"

read fact

ans=1

count=0

while [ $fact -ne $count ] //check factorial not equal to count

do

count=$(expr $count "+" 1)//Increment counter & store in count

ans=$(expr $ans "\*" $count)

done

echo "$ans"

**Output :**

enter num

5

120

**Code:**

//Reverse of Number  
echo " Enter No"  
read n  
c=0  
while [ $n -ne 0 ]//Check n is not equal to Zero  
do   
 a=$(expr $n % 10 )//Remainder of n & 10 is taken  
 n=$(expr $n / 10 )  
 c=`expr $c "\*" 10 "+" $a`//Count\*10 & added to a  
done  
  echo "Reverse of No. is $c"

**Output**

Enter No  
567  
Reverse of No. is 765

**Code:**

//Checking System Time

check=`date +%H`//Getting System date  
echo $check  
if [ $check -ge 06 -a $check -le 12 ]  
then  
 echo " Good Morning"  
elif [ $check -ge 12 -a $check -le 16 ]  
then  
echo "Good Afternoon"  
else  
echo "Good Evening"  
fi

**Output:**  
16  
Good Afternoon