

② Write a Shell Script to print grade of a student

```
echo "Enter percentage"
```

```
read p
```

```
if [ $p -ge 90 ] && [ $p -le 100 ]
```

```
echo "A grade" fi
```

```
if [ $p -ge 75 ] && [ $p -lt 90 ]
```

```
echo "B grade" fi
```

```
if [ $p -ge 60 ] && [ $p -lt 75 ]
```

```
echo "C grade" fi
```

```
if [ $p -ge 40 ] && [ $p -lt 60 ]
```

```
echo "D grade" fi
```

```
if [ $p -lt 40 ]
```

```
echo "Fail" fi
```

③ Simple Interest

```
Count=1
```

```
While [ $Count -le 3 ]
```

```
do
```

```
echo "\n Enter Values of p, n and r/c"
```

```
read p r n
```

```
Si='echo $p \* $n \* $r / 100 | bc'
```

```
echo "Simple Interest = Rs $si"
```

```
Count='expr $Count + 1'
```

```
done
```

④ Write a shell script to print No's from 1 to 10.

```
i=1
read n
while [ $i -le $n ]
do
    echo $i
    i='expr $i + 1'
done.
```

⑤ Write a shell script to print factorial of a number.

```
echo "Enter the number"
read n
fact=1
while [ $n -gt 1 ]
do
    fact=$((fact*n))
    n=$((n-1))
done
echo $fact
```

O/P

Enter the number  
4  
24

⑥ Write a shell script to calculate prime of number

```
echo "Enter number"
read n
if [ n -eq 1 ] || [ n -eq 2 ]
echo "Give number is prime"
```

GCD

Fibonacci

⑦ Shell Script to find Compute the gross salary of an employee (given basic, Hra 20% of basic, da 10% of basic).

```
echo "enter basic salary"
read sal
hra='echo 0.2 \* $sal | bc'
da='echo 0.1 \* $sal | bc'
gross-sal='echo $sal + $hra + $da | bc'
echo "gross salary of employee is $gross-sal"
```



O/P

enter basic salary

35000

gross salary of employee is 45500.0

② Shell script to Convert the temperature Fahrenheit to Celsius.

```
echo "enter temperature"
```

```
read temp
```

```
c=$((temp-32))
```

```
c=$((c*5/9))
```

```
echo "Celsius = $c"
```

O/P

enter temperature

52

Celsius = 11

③ Shell script to find the sum of even numbers upto n.

```
echo "enter the value of n"
```

```
read n
```

```
num=0
```

```
while [ $n -gt 0 ]
```

```
do
```

```
num=$((num+n))
```

```
n=$((n-2))
```

```
done
```

```
echo "$num"
```

2 pushing

28/11/22

O/P

enter the value of n

10

30