

1 factorial of a number

```
1 echo "Enter a Number"
2 read n

3 fact=1
4 for ((i=2; i<=n; i++))
5 {
6     fact=$((fact * i))
7 }
8 echo $fact
```

2 Basic A

echo "It Evaluation of Arithmetic Expression"

```
1 echo "Enter the a value"
2 read a
3 echo "Enter the b value"
4 read b
5 echo "1. Addition"
6 echo "2. Subtraction"
7 echo "3. Multiplication"
8 echo "4. Division"
9 echo "5. Modulus"
10 echo "Enter your choice"
11 read choice
```


case \$choice in

- 1) echo Addition : $$(expr $a + $b) ;;$
- 2) echo subtraction : $$(expr $a - $b) ;;$
- 3) echo multiplication : $$(expr $a * $b) ;;$
- 4) echo Division : $$(expr $a / $b) ;;$
- 5) echo modulus : $$(expr $a % $b) ;;$
- *) echo this is not a choice

esac

3 Gross Salary

```

echo "Enter name of Employee : "
read name
echo "Enter DA : "
echo "

```

```

read "Enter Salary" Sal

```

```

gross-sal = 'echo "$Sal * 0.10 + $Sal * 0.20" | bc -l'

```

```

echo "Gross Salary is : $gross-sal"

```