Output:

Qus1:

ABC2012345

ABC2012660

4

1260

ABC3015675

ABC3013670

5

10025

Qus2:

#FF9922

Valid

#FF&rr

Invalid

$24FFR

Invalid

#BBCCDD

Valid

Qus3:

Enter a number N

5

Enter a number R

3

Value of 5C3 = 10

Enter a number N

10

Enter a number R

0

Value of 10C0 = 1

Enter a number N

0

Enter a number R

0

Value of 0C0 = 1

Enter a number N

8

Enter a number R

2

Value of 8C2 = 28

Qus4.)

ashok\_23

Valid

KESHAC

Invalid

123@KESTYAGI

Invalid