1.Write a c++ progem to print multiplication table of M:

#include<stdio.h>

int main()

{

int m,n,j,i;

printf("Enter the value of m = ");

scanf("%d",&m);

printf("Enter the value of n = ");

scanf("%d",&n);

if(m==0 || n==0)

{

printf("%d x %d = 0",m,n);

}

else if(n>0)

{

for(i=0;i<=n;i++)

{

j=m\*i;

printf("%d x %d= %d\n",i,m,j);

}

}

else

{

printf("Invalid input");

}

return 0;

}

Test Cases:

Case 1:

Enter the value of m and n : 6 -3

Invalid input

Case 2:

Enter the value of m = -3

Enter the value of n = 5

0 x -3= 0

1 x -3= -3

2 x -3= -6

3 x -3= -9

4 x -3= -12

5 x -3= -15

Case 3:

Enter the value of m = 4

Enter the value of n = 0

4 x 0 = 0

Case 4:

Enter the value of m = 0

Enter the value of n = 0

0 x 0 = 0

Case 5:

Enter the value of m = -5

Enter the value of n = -5

Invalid input