**5.Write a C program to find Factorial of a given number using Recursion**

**Program:-**

#include<stdio.h>

int fact(int n);

int main()

{

int n;

printf("\n Enter the number:");

scanf("%d", &n);

printf("\n Factorial of the given number is: %d",fact(n));

return 0;

}

int fact(int n)

{

if(n>=1)

{

return n\*fact(n-1);

}

else

{

return 1;

}

}

**Output:-**

