**FACTORIAL CALCULATE USING RECURSIVRE**

#include <iostream.h>

#include<conio.h>

long factorial(long);

Void main ()

{

clrscr();

 long number;

 cout << "Please type a number: ";

 cin >> number;

 cout << number << "! = " << factorial (number);

 return(1);

getch();

}

long factorial (long a)

{

 if (a > 1)

 return (a \* factorial (a-1));

 else

 return (1);

}

OUTPUT:

Please type a number: 9

9! = 362880