**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