#include<iostream>

using namespace std;

int main()

{

int factorial(int);

int fact,value;

cout<<"Enter any number: ";

cin>>value;

fact=factorial(value);

cout<<"Factorial of a number is: "<<fact<<endl;

return 0;

}

int factorial(int n)

{

if(n<0)

return(-1); /\*Wrong value\*/

if(n==0)

return(1); /\*Terminating condition\*/

else {

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

}

}

/\*Enter any number: 5

Factorial of a number is: 120\*/