```c
/*

        experiment 5
      WAP TO FIND  The factorial of a number using iterative and resurive function

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    #include<stdio.h>

 //Factorial function
nt calcfact(int a)
{
//Calculating factorial//
if(a==0 || a==1) //base case
{
return 1;
}

else
 return a*calcfact(a-1); // Recursive case
 }

//Main function
int main()
 {
int x,result;

printf("\t\t\t\t*** Calculate Factorial of Enter Number ***\n\n");

 printf("Enter a number : ");
scanf("%d" ,&x);


//Check if x>0
 //If condition is satisfied then execute IF

if(x > 0)
{
result = calcfact(x); //Factorial function called//

//Displaying result
 printf("\nThe Factorial Of %d is %d \n", x,result);

 printf("Thank youuuu For Using\n");
 }
else //If conditon is false then show Error//

printf("\n Error : Enter number only\n");


 return 0;
 }
```