Write a C program to find the factorial of a given integer by using recursive and non-recursive functions.

#include<stdio.h>

#include<conio.h>

unsigned int factorial(int n);

void main()

{

int n,i;

long int fact;

clrscr();

printf("Enter the number: ");

scanf("%d",&n);

if(n==0)

printf("Factorial of 0 is 1\n");

else

printf("Factorial of %d Using Recursive Function is %d\n",n,factorial(n));

getch();

}

/\* Recursive Function\*/

unsigned int factorial(int n)

{ return n>=1 ? n \* factorial(n-1) : 1; }