```
/* 5. Write a C program to find Factorial of a given number using Recursion */
#include<stdio.h>
long factorial(int n)
  if (n == 0)
    return 1;
  else
    return(n * factorial(n-1));
}
void main()
  int number;
  long fact;
  printf("Enter a number: ");
  scanf("%d", &number);
  fact = factorial(number);
  printf("Factorial of %d is %ld\n", number, fact);
  return 0;
D:\data structures lab\factorial using recursion.c - [Executing] - Dev-C++ 5.11
 وَا (globals)
 Project Classes Debug odd or even.c factorial without recursion.c fibinocci series without recursion.c factorial using recursion.c
                   1 /* 5. Write a C program to find Factorial of a given number using Recursion */
2 #include<stdio.h>
                      long factorial(int n)
                  cess exited after 8.111 seconds with return value 22 ss any key to continue . . . _
                 void main()

void main()

to void main()

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