5) Write a C program to find Factorial of a given number using Recursion

#include <stdio.h>

unsigned long long factorial(int n) {

if (n == 0 || n == 1) {

return 1;

} else {

return n \* factorial(n - 1);

}

}

int main() {

int num;

printf("Enter a number: ");

scanf("%d", &num);

if (num < 0) {

printf("Factorial is not defined for negative numbers.\n");

} else {

unsigned long long result = factorial(num);

printf("Factorial of %d is %llu\n", num, result);

}

return 0;

}

