1. Write a function to find the factorial of a given number.The function should return the factorial of the number.

#include <iostream>

using namespace std;

unsigned long long fact(int n) {

if (n <= 1) return 1;

return n \* fact(n - 1);

}

int main() {

int number;

cout << "Enter a number: ";

cin >> number;

cout << "Factorial of " << number << " is " << fact(number) << endl;

}

OUTPUT