

School Of Mechanical & Manufacturing Engineering, NUST

Department of Mechanical Engineering

CS-114 - Fundamental of Programing

Lab Manual # 02

**Course Instructor:** Dr Jawad Khan

**Lab Instructor:** Muhammad Affan

MUHAMMAD MUZAMMIL RIAZ

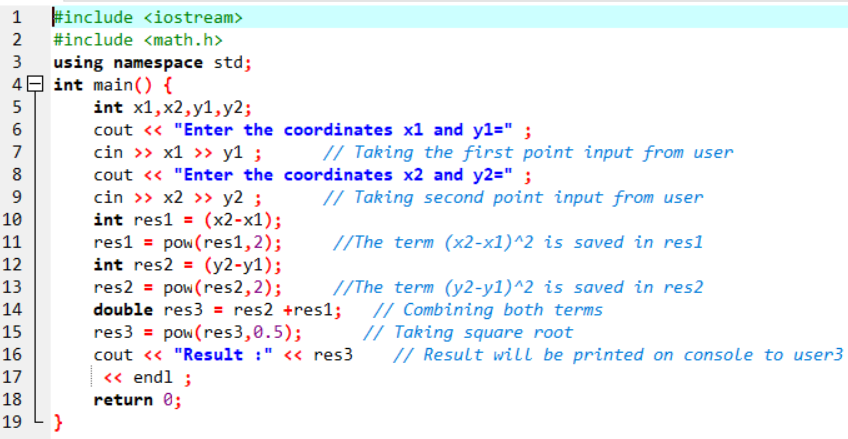
## Student Name:

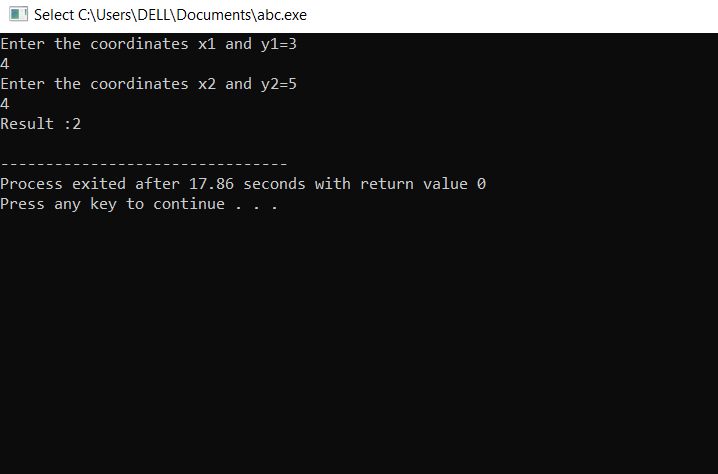
**467817**

**CMS ID:**

**DATE:** 02/10/2023

1. Write a C++ program to calculate distance between two points. The values should of coordinates should be input by user.





2. Write a code in C++ to take length from user in centimeter and convert it into meter and kilometer.

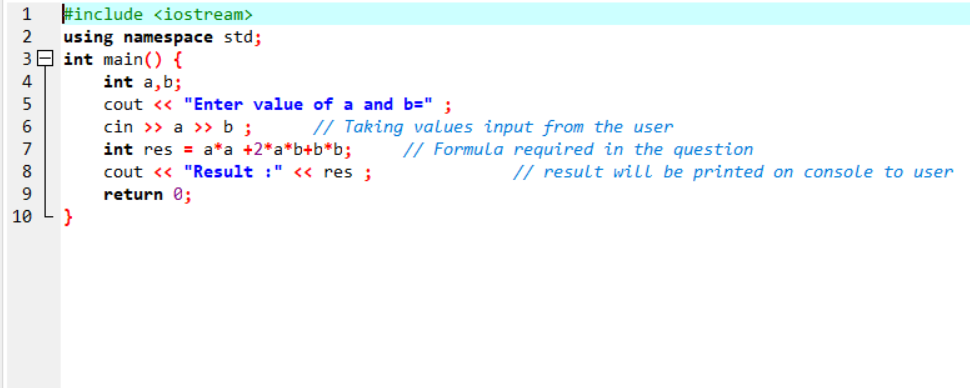
A screenshot of a computer code

Description automatically generated

A screenshot of a computer

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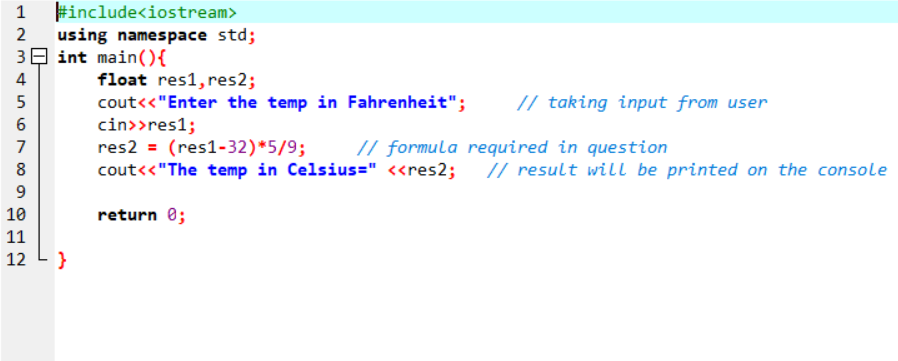
3. Write a code in C++ that takes values of a and b from the user and displays result of polynomial 𝑎 2 + 2 𝑎𝑏 + 𝑏 2.



A screenshot of a computer

Description automatically generated

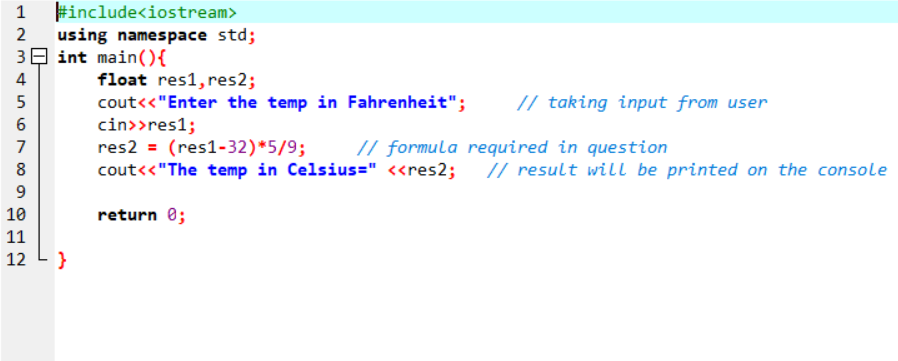
4. Write a program in C++ to convert temperature in Fahrenheit to Celsius.



A screenshot of a computer

Description automatically generated

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A screenshot of a computer

Description automatically generated