





## Aror University of Art, Architecture, Design & Heritage Sukkur.

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**Task 02: Write a C++ program to convert temperature from Fahrenheit to Celsius degrees.**

**Example:**

Input a value in Degree Fahrenheit: 212

Expected Output:

212.0 degree Fahrenheit is equal to 100.0 in Celsius

**Formula:  $C = 5/9 * (F - 32)$**

**Task 03: Write a C++ program that takes a number in inches and converts it into meters**

**Example:**

Input a value in inches: 212

Expected Output:

212.0 degree Fahrenheit is equal to 100.0 in Celsius

**Formula: meter = Inches \* 0.0254**

**Task 04: Write a program in C++ to compute quotient and remainder.**

**Sample Output:**

Compute quotient and remainder :

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Input the dividend : 25

Input the divisor : 3

The quotient of the division is : 8

The remainder of the division is : 1



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**Task 05: Write a C++ program which takes 5 numbers as an input from the user, Compute their sum and average and display the output:**

**Sample Output:**

Compute quotient and remainder :

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Input the first\_number: 5  
Input the second\_number: 6  
Input the third\_number: 5  
Input the fourth\_number: 4  
Input the fifth\_number: 5

Sum of the numbers is: 25  
Average of the numbers is: 5

**Task 06: Write a C++ program to compute the Body Mass Index of a Person**

**Sample Output:**

Enter your weight in kgs: 50  
Enter your height in meters: 1.65  
Your BMI is: 30.303

**Formula for BMI:  $BMI = \text{kg}/\text{m}^2$**