**Problem 1**

**Problem Statement:**

Write pseudocode to create a program that calculates the total marks for a student based on marks in three subjects: Math, Science, and English. The program should take input for the marks in each subject, calculate the total, and then print the total marks.

**Instructions:**

1. Define the problem clearly.
2. Identify the key processes involved in solving the problem.
3. Write pseudocode based on the identified processes.

**Problem 1: Calculate Total Marks**

**1. Define the Problem:**

You need to write a program that takes the **marks for three subjects** — Math, Science, and English — as input, **calculates the total marks**, and **prints the result**.

**2. Identify Key Processes:**

* Input: Get marks for Math, Science, and English.
* Processing: Add the three marks to compute the total.
* Output: Display the total marks.

**3. Pseudocode:**

Start

Get Math marks

Get Science marks

Get English marks

Set total to Math marks + Science marks + English marks

Print total

End

**Problem 2**

**Problem Statement:**

Write pseudocode to create a program that takes a user's name as input and greets them with a message that says "Hello, [name]!".

**Instructions:**

1. Define the problem clearly.
2. Identify the key processes involved in solving the problem.
3. Write pseudocode based on the identified processes.

**Problem 2: Greet the User by Name**

**1. Define the Problem:**

Write a program that asks for the user's name and prints a greeting message in the format: **"Hello, [name]!"**

**2. Identify Key Processes:**

* Input: Get the user's name.
* Processing: Construct the greeting message.
* Output: Display the greeting message.

**3. Pseudocode:**

Start

Get user's name

Set greeting to "Hello, " + user's name + "!"

Print greeting

End