**Simple Input\Output Program**

Hi, PPTI 16 fellows. Welcome to COMP6047001 – Algorithm and Programming course! In purpose to practice on how you must think when creating a program in a computer, this practice case will help you to translate from algorithm and procedures to source code in C programming language. Hope this helps!

When the program has been run, here’s the program flow that you need to create:

* In the beginning of program’s execution, a **message** will be **shown** to welcome users to the program.

Background pattern

Description automatically generated with low confidence

**Figure 1 Welcoming message**

* Then, **ask** the user to **input**:
  + His/her **name**, it may be in **1 word or more**. Example: Chris, Christopher Limawan
  + His/her **age**, it will receive **number** input without decimal point. Example: 21, 23
* After that, the application will **say hi** and **print** the inputted **name**.

Background pattern

Description automatically generated with low confidence

**Figure 2 Input user identity**

* Then, ask the user to **input 2 numbers**, those 2 numbers will be received in **number** **with decimal point** format. Example: 12.3, 5.6, 2.1
* After that, do the **arithmetic calculations** for those 2 numbers. Arithmetic **operations** that will be used in calculations are **addition** (+), **subtraction** (-), **multiplication** (x), and **division** (/).

Background pattern

Description automatically generated with low confidence

**Figure 3 Input numbers and arithmetic operations to 2 inputted numbers**

* Then, the program will be stopped.