**In-Class Exercise – Due: February 14, 2019 – before 10:00pm**

**Objective:** name constant,modulus operator (%), getline()

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| **Important instructions:**   * *All programs must include comments at the top of your program: your name,* the class name (CSIT 575)*, program name and* ***the program description (purpose of the program).*** * *Copy and paste your* ***program code*** *and* ***output*** *in Part B of each program. Note: Use snipping tool to snip the output.* * *Once it is done, save and submit this word file via Canvas.* |

1. **InchToFeet.cpp** program

There are 12 inches in one foot. The program prompts the user to enter his/her name and height in inches.

The program displays the user name and height in feet and inches format.

***Notes:***

* *Use name constants for inches in one foot*
* *You can make up your own data but the output format must be the same as sample runs.*
* *You must submit two outputs.*

**Sample run 1:**

The program will display a person's height in feet and inches format:

What is your name? Trina Anderson

Enter your height in inches: 58

Hi Trina Anderson, you are 4 feet and 10 inches tall.

**Sample run 2:**

The program will display a person's height in feet and inches format:

What is your name? Pierce Perez

Enter your height in inches: 75

Hi Pierce Perez, you are 6 feet and 3 inches tall.

**Part A: Pseudocode**

**Purpose of the program:**

**Input or given data:**

const int INCH\_IN\_FOOT = 12; //1 foot = 12 inches;

**Processing: InchesToFeet = heightInInches / INCH\_IN\_FOOT**

**remainderInches = heightInInches % INCH\_IN\_FOOT**

**Output: Hi Erik Gonzalez, you are 5 feet and 7 inches tall**

**Part B: Copy and paste your program (source) code and the outputs after this line.**

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