**External Documentation for CPSC 1150 – W05 Lab 2**

**Program:** Calculating bmi with user input

File Name: CalculateBmi.java

Purpose: To calculate bmi with user input

Input: User’s weight and height

Output: User’s bmi

**Algorithm**

Calculate user bmi

START

1. Get user’s weight in kg
2. Get user’s height in meters
3. Calculate bmi
4. Display the result

END

**Sample Input and Output**

Please enter your weight in kg: 74

Please enter your height in meters: 1.7

Your BMI is: 25.61

**Program:** Calculating bmi with user input

File Name: ComputeTriangleArea.java

Purpose: To calculate area of a triangle

Input: three points of a triangle

Output: area of a triangle

**Algorithm**

Calculating area of a triangle

START

1. Get 3 points of a triangle (individually)
2. Calculate each sides of a triangle
3. Calculate the area
4. Display the result

END

**Sample Input and Output**

Enter three points for a triangle: 1.5 -3.4 4.6 5 9.5 -3.4

The area of the triangle is: 33.60