**The area of a triangle can be computed based on the following formula, where b is the length of the base of the triangle, and h is its height: area = (b × h)/2** .

Input/s of the program: User will input two numbers, base of the triangle and height of the triangle.

Output/s of the program: Identifying the area of the triangle.

Conditions [if any] for attaining the goal:

Can we have decimal numbers? **No**

Can there be more than 2 numbers inputted? **No**, this is calculated by the base and height.

Can we have 0 as a side? No.

1. Area of a Triangle

**Algorithm**

**Step 1: Start.**

**Step 2: Initialize a scanner**

**Step 3: Ask the user to input two numbers.**

**Step 4: Create two integer variables: one in (b) for the base length of triangle, two in (h) for the height of triangle.**

**Step 5: Formula to find the area of a triangle is given: area = (b × h)/2.**

**Step 6: Return the calculated Datatype to user**

**Step 7: Stop.**

**Flowchart**

Start

Declare variables b and h and

area

Read b and h

Print b

Print area

Print h

Stop

Stored value added to area variable

**User inputs a integer value for height h**

**User inputs a integer value for base**

**(b)**