**Home Work No. 3**

**due 09. 29.2021**

1. **Write a java program that reads three nonzero values entered by the user, then determines and prints whether they could represent the sides of a triangle.**

**(Use properties of triangle: The sum of two sides of a triangle is greater than the third side of the triangle. Check all three properties: 1. side1 + side2 > side3 2. Side1 + side3 > side2 and 3. Side3 + side2 > side1) (Use only if-else statement.)**

***Note: Please do not email me before 09.28.2021***

**For example,**

**Input: Enter side1 number: 1**

**Enter side2 number: 2**

**Enter side3 number: 3**

**Output: These do not form a triangle.**

**Input: Enter side1 number: 4**

**Enter side2 number: 6**

**Enter side3 number: 8**

**Output: These could be sides to a triangle.**