

## IsThisATriangle

**Prerequisites:** ACM Task Force Commands

### Description:

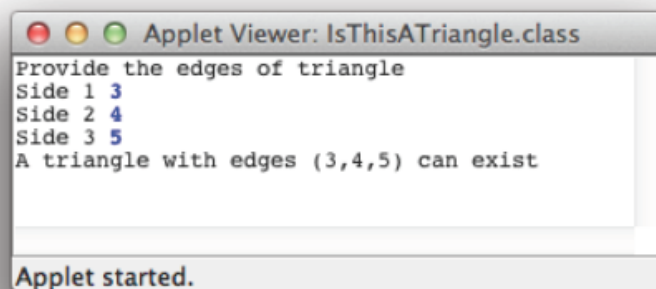
Write an application asking for three integer inputs (Edge 1, Edge 2, Edge 3) and checks whether those are edges of a triangle using *triangular inequality*

If  $a$ ,  $b$ ,  $c$  are edges of a triangle they should satisfy the following inequalities

- $a < b + c$
- $b < a + c$
- $c < a + b$

Then prompt user accordingly as shown in the sample runs

### Sample Run 1



### Sample Run 2

