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

- \cdot a < b + c
- b < a + c
- $\cdot c < a + b$

Then prompt user accordingly as shown in the sample runs

Sample Run 1

```
Provide the edges of triangle
Side 1 3
Side 2 4
Side 3 5
A triangle with edges (3,4,5) can exist

Applet started.
```

Sample Run 2

```
Applet Viewer: IsThisATriangle.class

Provide the edges of triangle
Side 1 3
Side 2 4
Side 3 7
A triangle with edges (3,4,7) can not exist

Applet started.
```