

```
import random

import math

X=random.randint(-100,100)

print("X = " + str(X))

Y=random.randint(-100,100)

print("Y = " + str(Y))

Z=random.randint(1,100)

print("Z = " + str(Z))

if X > 0 and Y > 0 and Z > 0:

    print("Triangle exists")

    A=max(X,Y,Z)

    B=math.sqrt(X**2 + Y**2 + Z**2 - A**2)

    if A == B:

        print("Right triangle")

    elif A != B:

        print("Not right triangle")

elif X <=0 or Y <= 0 or Z <= 0:

    print("Triangle not exists")
```