

PYTHON PRACTICAL 11

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-350

QUES : Write a program that accepts the lengths of three sides of a triangle as inputs. The program output should indicate whether or not the triangle is a right triangle (Recall from the Pythagorean Theorem that in a right triangle, the square of one side equals the sum of the squares of the other two sides)

SOURCE CODE :

```
p=int(input("Enter side 1 : "))
b=int(input("Enter side 2 : "))
h=int(input("Enter side 3 : "))

def checkright(p,b,h):
    if h==p+b or p==b+h or b==h+p:
        return True

p*=p
h*=h
b*=b

if checkright(p,b,h):
    print("This is right trainagle")
else:
    print("NOT Right traingle")
```

OUTPUT:

```
        print("this is right traingale")  
    else:  
        print("NOT Rigt traingle")
```

```
Enter side 1 : 12  
Enter side 2 : 13  
Enter side 3 : 15  
NOT Rigt traingle
```
