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Calculator

```
deg PYTHON
>>> from pythagore import *
>>> |
```

pythagore.py

Created by [numworks-en](#)

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161 Bytes

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This script defines two functions. The `hypotenuse(a,b)` function returns the hypotenuse length of a right-angled triangle whose right-angle adjacent sides are **a** and **b**. The `pythagore(a,b,c)` function tests if the integer tuple **(a,b,c)** is Pythagorean, it returns true if and only if `a**2+b**2=c**2`.

```
from math import *
def hypotenuse(a,b):
    return sqrt(a**2+b**2)
def pythagore(a,b,c):
    a=int(a)
    b=int(b)
    c=int(c)
    return a**2+b**2==c**2
```

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