≣ Submission Detail

ID	#475096
Problem	Triangle I (https://ejudge.it.kmitl.ac.th/problem/2690)
Username	it60070183(นายธีรภัทร ไกรศรีสิริกุล) (https://ejudge.it.kmitl.ac.th/account/1506)
Language	Python
Correctness Score	100 Points
Bonus Score	100 Points
Quality	100% How to improve your code
Summary Score	200 Points
Time	2017-09-01 10:45:53

➡ Details

Case 1 [#11889] :   Passed   0.03932100 sec.
Case 2 [#11890] :   Passed   0.04040800 sec.
Case 3 [#11891] :   Passed   0.03997900 sec.
Case 4 [#11892] :   Passed   0.03982600 sec.
Case 5 [#11893] :   Passed   0.03982800 sec.
Case 6 [#11894] :   Passed   0.03976100 sec.
Case 7 [#11895] :   Passed   0.04001700 sec.
Case 8 [#11896] :   Passed   0.04091600 sec.
Case 9 [#11897] :   Passed   0.04037300 sec.
Case 10 [#11898] :   Passed   0.03970000 sec.

🖥 Code

Pointers=false&textReferences=false&showOnlyOutputs=false&py=3&rawInputLstJSON=%5B%5D&curInstr=0)

```python
"""
PSIT Pair Programming
#1 - Teerapat Kraisrisirikul (60070183)
#2 - Sopoat Iamcharoen (60070101)
"""

def main():
    """Main fuction"""
    side_1, side_2, side_3 = order_ascend(float(input()), float(input()), float(
    triangle = side_3**2-0.01 <= side_1**2 + side_2**2 <= side_3**2+0.01
    if triangle:
        print("Yes")
    else:
        print("No")

def order_ascend(num1, num2, num3):
    """Order numbers from low to high"""
    if num1 > num2:
        num1, num2 = swap(num1, num2)
    if num2 > num3:
        num2, num3 = swap(num2, num3)
    if num1 > num2:
        num1, num2 = swap(num1, num2)
    return num1, num2, num3

def swap(num_a, num_b):
    """Swap the values"""
    return num_b, num_a

main()
```