☰                                                           ▦ Hello, **2021115001**.

# ✅ Pythagorean Triplets - B

## Problem Description

Read an integer N as input and output the first N pythogarean triplets. A Pythogarean triplet like <3, 4, 5> should be counted only once. Meaning we should not count again <4, 3, 5>, <5, 4, 3> etc.Output the triplets in lexicographical order.

A triplet **a** is lexicographically smaller than a triplet **b** if in the first position where a and b differ, the triplet a has a smaller element than the corresponding element in b.

## Constraints

N <= 100
Each side of the triangle should be less than or equal to 200.

## Input

A single integer N.

## Output

N lines with 3 space separated integers in each line.
If triplet is <A, B, C> , A < B < C.

## Sample Input 1

5

## Sample Output 1

3 4 5
5 12 13
6 8 10
7 24 25
8 15 17

| Submit solution |
| --- |

My submissions
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✔ **Points:** 50 (partial)
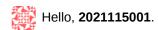🕐 **Time limit:** 1.0s
🖥 **Memory limit:** 64M

❯ **Problem type**

❯ **Allowed languages**
  C

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## Sample Output 2

3 4 5
5 12 13
6 8 10
7 24 25
8 15 17
9 12 15
9 40 41
10 24 26
11 60 61
12 16 20
12 35 37
13 84 85

## ❓ Clarifications

Request clarification

No clarifications have been made at this time.