List Comprehensions ☆

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Rank: **353220** | Points: **113/220**

Problem   **Submissions**   Leaderboard   Editorial   Tutorial

You made this submission 7 days ago.

Score: 10.00   **Status: Accepted**

People who solved **List Comprehensions** attempted this next:

Finding the percentage

Store a list of students and marks in a dictionary, and find the average marks obtained by a student.

[Solve Challenge]

Submitted Code

Language: Python 3   ⑂ Open in editor

```python
if __name__ == '__main__':
    x = int(input())
    y = int(input())
    z = int(input())
    n = int(input())
    arr = []

    for i in range(x+1):
        for j in range(y+1):
            for k in range (z+1):
                if (i+k+j != n):
                    li=[i,j,k]
                    arr.append(li)

    print(arr)
```

✓ **Test case 0**

✓ **Test case 1**

✓ **Test case 2** 🔒

✓ **Test case 3** 🔒

✓ **Test case 4** 🔒

✓ **Test case 5** 🔒

✓ **Test case 6** 🔒

Compiler Message

```
Success
```

Input (stdin)   **Download**

```
1  1
2  1
3  1
4  2
```

Expected Output   **Download**

```
1   [[0, 0, 0], [0, 0, 1], [0, 1, 0], [1, 0, 0], [1, 1, 1]]
```

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