

List Comprehensions

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Problem

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You made this submission a day ago.

Score: 10.00

Status: Accepted

People who solved List Comprehensions attempted this next:

Collections.namedtuple()

You need to turn tuples into convenient containers using collections.namedtuple().

Solve Challenge

Submitted Code

Language: PyPy3

Open in editor

```
1 if __name__ == '__main__':
2     x = int(input())
3     y = int(input())
4     z = int(input())
5     n = int(input())
6
7     ar = [
8         [i, j, k]
9         for i in range(x + 1)
10        for j in range(y + 1)
11        for k in range(z + 1)
12        if i + j + k != n
13    ]
14    print(ar)
15
```

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)

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```
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]]
```