

# List Comprehensions ☆

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Problem

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## Calendar Module

Print the day of a given date.

Solve Challenge

### Submitted Code

Language: PyPy Open in editor

```
1 if __name__ == '__main__':
2     x = int(raw_input())
3     y = int(raw_input())
4     z = int(raw_input())
5     n = int(raw_input())
6
7     listax=[i for i in range(x+1)]
8     listay=[j for j in range(y+1)]
9     listaz=[k for k in range(z+1)]
10    perm = [[a,b,c] for a in listax for b in listay for c in listaz if a+b+c!=n]
11    print perm
12
```

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)

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

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#### Expected Output

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

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