

Python → Object-oriented programming → [Class vs instance](#)

# Class vs instance → Fly me to the moon

Medium 2 minutes

5336 users solved this problem. Latest completion was about 1 hour ago.

Here are a class **Planet** and a few instances of that class:

```
1 class Planet:
2     all_moons = []
3
4     def __init__(self, name):
5         self.name = name
6         self.moons = []
7
8
9 earth = Planet("Earth")
10
11 jupiter = Planet("Jupiter")
12
13
14 earth.moons.append("Moon")
15
16 earth.all_moons.append("Moon")
17
18
19 jupiter.moons.append("Io")
20
21 jupiter.moons.append("Europa")
22
23 jupiter.all_moons.append("Io")
```

Match the attributes and their values. Take into account that one option is extra.

Report a typo

Match the items from left and right columns

Planet.all_moons	["Moon", "Io"]		
earth.moons	["Moon"]		
jupiter.moons	["Io", "Europa"]		
	["Moon", "Io", "Europa"]		

✓ Correct.

387 users liked this problem. 16 didn't like it. What about you?



Continue

[Comments \(4\)](#)   [Hints \(6\)](#)   [Useful links \(0\)](#)   [Show discussion](#)