

Class vs instance → The Louvre

Hard 9 minutes ?

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You are writing a program that deals with the paintings that hang in the Louvre. You’ve created a class `Painting` and are planning to add some class methods and a class constructor.

What’ll be common for all paintings is that they all belong to the same *museum*, obviously, but the differences will be in the *title* of the painting, the *painter* and the *year of creation*.

Finish writing the class `Painting` and then process some information from the input.

The input format:

The input contains 3 lines: the first is the **title** of the painting, the second with the **artist** and the third with the **year** of the creation.

The output format:

A string of the kind: `"Title" by Artist (Year) hangs in the Louvre.`

Hint

Report a typo

Sample Input 1:

```
Mona Lisa
Leonardo da Vinci
1503
```

Sample Output 1:

```
"Mona Lisa" by Leonardo da Vinci (1503) hangs in the Louvre.
```

Sample Input 2:

```
The Fortune Teller
Caravaggio
1600
```

Sample Output 2:

```
"The Fortune Teller" by Caravaggio (1600) hangs in the Louvre.
```

Write a program

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Python

```
1 class Painting:
2     museum = 'Louvre'
3     def __init__(self, title, artist, year):
4         self.title = title
5         self.artists = artist
6         self.year = year
7     def result(self):
8         return "{} by {} ({{}}) hangs in the {}".format(self.title, self.artists, self.year, Painting.museum)
9
10 painting = Painting(input(), input(), input())
11 print(painting.result())
12
```

✓ Correct.

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