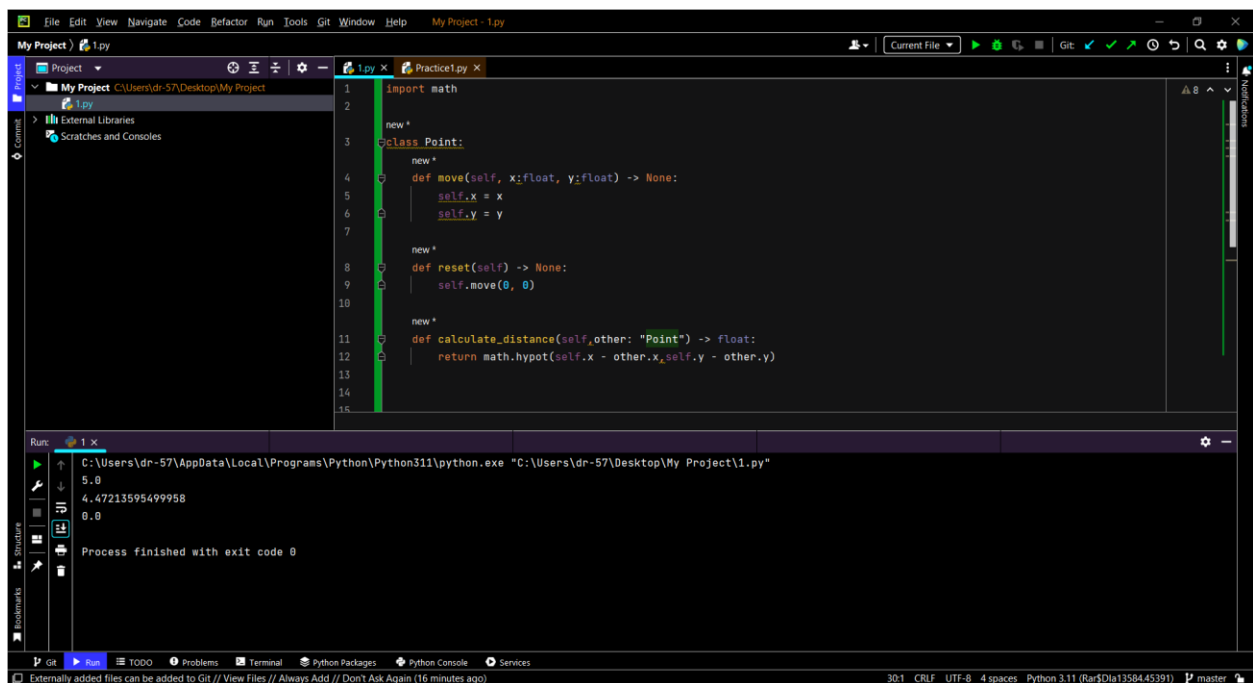


به نام خدا  
تمارین برنامه نویسی پیشرفته  
کسری آزادگان

1- کد صفحات 48 و 49 را در پایچارم اجرا میکنیم



The screenshot shows the PyCharm IDE interface. The main editor window displays a Python script named `Practice1.py` with the following code:

```
1 import math
2
3 class Point:
4     new *
5     def move(self, x:float, y:float) -> None:
6         self.x = x
7         self.y = y
8
9     new *
10    def reset(self) -> None:
11        self.move(0, 0)
12
13    new *
14    def calculate_distance(self, other: "Point") -> float:
15        return math.hypot(self.x - other.x, self.y - other.y)
```

The Run console at the bottom shows the execution of the script, displaying the output:

```
C:\Users\dr-57\AppData\Local\Programs\Python\Python311\python.exe "C:\Users\dr-57\Desktop\My Project\1.py"
5.0
4.47213595499958
0.0
Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8, the editor uses 4 spaces for indentation, and the Python version is 3.11.

## 2- اکانت گیت هاب میسازیم و بعد از لینک کردن گیت هاب کد را در ریپازیتوری جدید آپلود میکنیم

Share Project On GitHub

Repository name:  ☐ Private

Remote:

Description:

Cannot load information for github.com/KasraAzadegan:api.github.com

?

Share

Cancel

GitHub

Search or jump to...

Pull requests

Issues

Codespaces

Marketplace

Explore

KasraAzadegan / Tamrin

Public

Pin

Unwatch 1

Fork 0

Star 0

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

master 1 branch 0 tags

Go to file

Add file

<> Code

KasraAzadegan Create README.md

b4a4e42 in 4 hours 3 commits

1.py

Add some Code

4 minutes ago

README.md

Create README.md

now

README.md

Tamrin

By Kasra Azadegan

About

By Kasra Azadegan

Readme

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

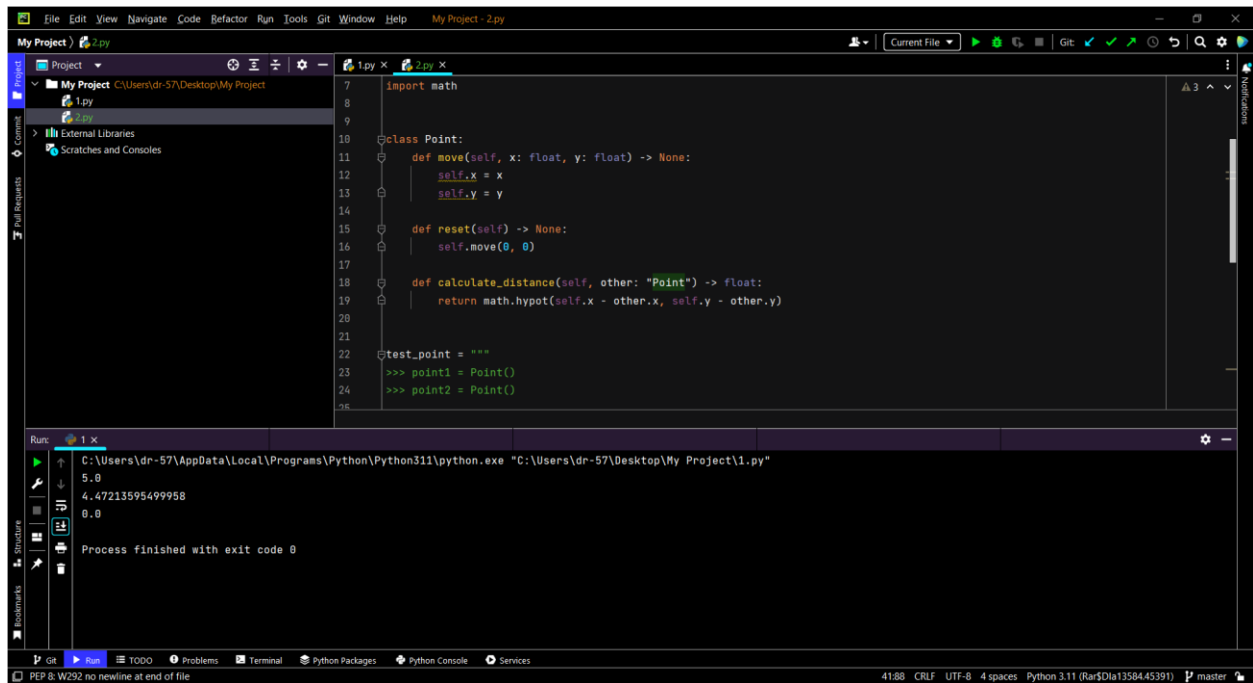
Languages

HiddifyDesktop\_1...msi

Cancelled

Show all

### 3- کد مذکور را از گیت هاب ایمپورت کرده و در پایچارم ران میکنیم



The screenshot shows the PyCharm IDE interface. The main editor displays a Python script named `2.py` with the following code:

```
7 import math
8
9
10 class Point:
11     def move(self, x: float, y: float) -> None:
12         self.x = x
13         self.y = y
14
15     def reset(self) -> None:
16         self.move(0, 0)
17
18     def calculate_distance(self, other: "Point") -> float:
19         return math.hypot(self.x - other.x, self.y - other.y)
20
21
22 test_point = """
23 >>> point1 = Point()
24 >>> point2 = Point()
```

The Run console at the bottom shows the execution of the script using Python 3.11. The output is:

```
C:\Users\dr-57\AppData\Local\Programs\Python\Python311\python.exe "C:\Users\dr-57\Desktop\My Project\1.py"
5.0
4.47213595499958
0.0
Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8, line length is 4188, and it's using Python 3.11.