

ابتدا در فolder paycharm یک فایل project با پسوند .py. ایجاد می کنیم.

project > My Project.py

File Edit View Navigate Code Refactor Run Tools VCS Window Help My Project.py - My Project.py

Current File ▾

Project

My Project.py

import math

class Point:

def move(self, x: float, y: float) -> None:

self.x = x

self.y = y

def reset(self) -> None:

Point > calculate_distance()

Run: My Project ×

C:\Users\pixel\anaconda3\python.exe "C:/Users/pixel/Desktop/project/My Project.py"

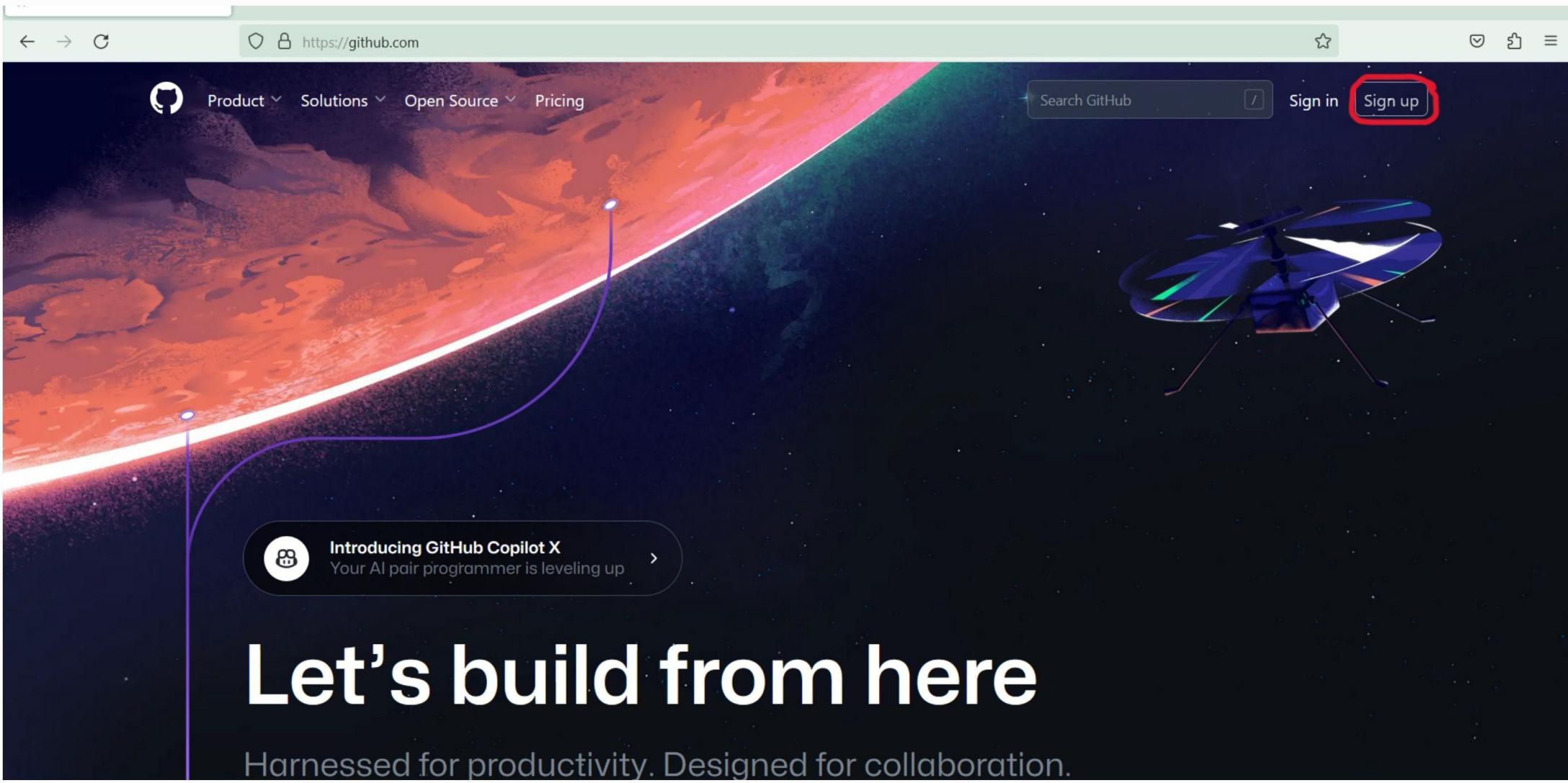
5.0

Process finished with exit code 0

Version Control Run Python Packages TODO Problems Terminal Services

Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built Python packages shared indexes // Always download // Download on... (4 minutes ago)

کد صفحه 48 و 49 کتاب را در paycharrm
اجرا می کنیم و خروجی میگیریم.



سپس در سایت github.com از قسمت sign up یک اکانت گیت هاب برای خودمان میسازیم.



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از قسمت sign in وارد اکانت خود می شویم.



Search or jump to...

Pull requests Issues Codespaces Marketplace Explore

Bell + ⚙

Top Repositories

New

Find a repository...

beiran81/MytestProject

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Following For you Beta

Discover interesting projects and people to populate your personal news feed.

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Explore GitHub

💡 ProTip! The feed shows you events from people you [follow](#) and repositories you [watch](#) or [star](#).

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Latest changes

In 47 minutes
Enhancements for admins bypassing branch protections on [github.com](#)

In 31 minutes
Team Sync no longer invites or removes organization members by default

54 minutes ago
GitHub Actions: Create and share your own deployment protection rules for safe and...

Yesterday
Pull request merge queue (public beta): API support and recent fixes

[View changelog →](#)

سپس یک ریپازتوری جدید میسازیم.



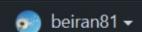
Search or jump to...

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Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?
[Import a repository.](#)

Owner *



beiran81

Repository name *

My_Python_Project



Great repository names are short and memorable. Need inspiration? How about [cautious-couscous](#)?

Description (optional)

My Desc



Public

Anyone on the internet can see this repository. You choose who can commit.

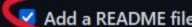


Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.



Add a README file

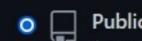
This is where you can write a long description for your project. [Learn more](#).

Add .gitignore

Choose which files not to track from a list of templates. [Learn more](#).

[.gitignore template: None](#)

نام ریپازتوری خود را وارد می کنیم. گزینه public را تیک دار می کنیم تا پروژه ما را دیگران بتوانند ببینند و اطلاعات بیشتری را درباره پروژه خود ارائه دهیم.

**Public**

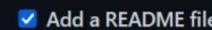
Anyone on the internet can see this repository. You choose who can commit.

**Private**

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

**Add a README file**This is where you can write a long description for your project. [Learn more](#).**Add .gitignore**Choose which files not to track from a list of templates. [Learn more](#).**.gitignore template**

py

Python

THIS WILL SET `main` AS THE DEFAULT BRANCH. CHANGE THE DEFAULT NAME IN YOUR [SETTINGS](#).

You are creating a public repository in your personal account.



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سپس در مرحله بعدی python را انتخاب می کنیم.

Add a README file

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: Python ▾

Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)

License: None ▾

License

X

ge the default name in your [settings](#).

personal account.

- Filter...
- ✓ None
 - Apache License 2.0
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 - GNU General Public License v2.0
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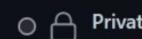
About

در مرحله بعد هم GNU General را انتخاب می کنیم.



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

Add a README file

This is where you can write a long description for your project. [Learn more](#).

Add .gitignore

Choose which files not to track from a list of templates. [Learn more](#).

.gitignore template: Python ▾

Choose a license

A license tells others what they can and can't do with your code. [Learn more](#).

License: GNU General Public Li...

This will set `main` as the default branch. Change the default name in your [settings](#).

ⓘ You are creating a public repository in your personal account.

Create repository



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About

و در نهایت ریپازتوري خود را ایجاد می کنیم.

حال ریپازتوري خود را ایجاد کرده ایم.

The screenshot shows a GitHub repository page for 'My_Python_Project' by 'beiran81'. The repository is public and has 1 branch and 0 tags. Recent commits include updates to README.md and initial commits for .gitignore, LICENSE, and README.md. The 'About' section includes a description 'My Desc', a Readme file, a GPL-3.0 license, and metrics like 0 stars, 1 watching, and 0 forks. The 'Releases' section shows no releases published, and the 'Packages' section shows no packages published.

Code

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Settings

main

1 branch

0 tags

Go to file

Add file

Code

beiran81 Update README.md

21919d8 in 49 minutes 3 commits

.gitignore Initial commit now

LICENSE Initial commit now

README.md Update README.md now

README.md

My Desc

About

My Desc

Readme

GPL-3.0 license

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project
$ git init
Initialized empty Git repository in c:/users/pixel/Desktop/project/.git/
```

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
$
```

سپس git init را در قسمت git bash تایپ می کنیم.

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
$ touch .readme.pdf
```

با استفاده از touch .readme.pdf یک فایل pdf را در دایرکتوری مورد نظر ایجاد می کنیم.

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
$ touch .gitignore|
```

با استفاده از git ignore touch .gitignore یک فایل در دایرکتوری مورد نظر ایجاد می کنیم.

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
$ git add -A
warning: in the working copy of '.idea/inspectionProfiles/profiles_settings.xml', LF will be replaced by CRLF the next time Git touches it
```

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
$ |
```

سپس با دستور فوق همه فایل های موجود را
stage می کنیم.

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
$ git commit -m "my first commit"
[master (root-commit) 55b6bc3] my first commit
 8 files changed, 55 insertions(+)
create mode 100644 .gitignore
create mode 100644 .idea/.gitignore
create mode 100644 .idea/inspectionProfiles/profiles_settings.xml
create mode 100644 .idea/misc.xml
create mode 100644 .idea/modules.xml
create mode 100644 .idea/project.iml
create mode 100644 .readme.pdf
create mode 100644 My Project.py
```

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
$ |
```

سپس با دستور فوق فایل های stage شده را می کنیم.

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
$ git log
commit 55b6bc3face367f8c17aea4626109587c0b818cb (HEAD -> master)
)
Author: Mohammad <byranwndm29@gmail.com>
Date:   Fri Apr 21 11:39:35 2023 +0430
```

my first commit

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
$ |
```

سپس با دستور `git log` از `commit` شدن فایل ها اطمینان حاصل می کنیم.

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
```

```
$ git status
```

```
On branch master
```

```
nothing to commit, working tree clean
```

```
pixel@LAPTOP-G1LMCCND MINGW64 ~/Desktop/project (master)
```

```
$ |
```

سپس با دستور `git status` متوجه می شویم که فایلی برای `stage` کردن باقی نمانده است.

The screenshot shows the PyCharm IDE interface. The top navigation bar includes File, Edit, View, Navigate, Code, Refactor, Run, Tools, Git, Window, and Help. The current project is "project - my project.py". The left sidebar has sections for Project, Commit, and Structure. The main editor window displays a Python script with a class definition for Point. A context menu is open over the code, specifically under the 'Git' tab, with 'GitHub' highlighted. Other options in the menu include Commit..., Push..., Update Project..., Fetch, Merge..., Rebase..., Branches..., New Branch..., New Tag..., Reset HEAD..., Show Git Log, Patch, Uncommitted Changes, Current File, GitHub, Manage Remotes..., Clone..., and VCS Operations.

```
import math\n\nclass Point:\n    def move(self, x: float, y: float) -> None:\n        pass\n    def reset(self):\n        pass\n    def calculate_distance(self, other: "Point") -> float:\n        return math.hypot(self.x - other.x, self.y - other.y)\n\npoint1 = Point()\npoint2 = Point()
```

File Edit View Navigate Code Refactor Run Tools Git Window Help project - my project.py

project > my project.py

Project Commit Structure Bookmarks

Git: Current File ▾

Commit

File Edit View Navigate Code Refactor Run Tools Git Window Help project - my project.py

project > my project.py

1 import math

2

3

4 class Point:

5 def move(self, x: float, y: float) -> None:

6 pass

7 def reset(self):

8 pass

9 def calculate_distance(self, other: "Point") -> float:

10 return math.hypot(self.x - other.x, self.y - other.y)

11

12

13

14

15

16 point1 = Point()

17 point2 = Point()

Commit... Ctrl+K

Push... Ctrl+Shift+K

Update Project... Ctrl+T

Pull...

Fetch

Merge...

Rebase...

Branches... Ctrl+Shift+`

New Branch...

New Tag...

Reset HEAD...

Show Git Log

Patch

Uncommitted Changes

Current File

GitHub

Manage Remotes...

Clone...

VCS Operations Alt+`

Git Run TODO Problems Terminal Python Packages Python Console Services Endpoints

Easily share project on GitHub

15:1 CRLF UTF-8

سپس در محیط IDE خود git را میزیم و سپس
github را میزیم.



Share Project On GitHub



Repository name:

|



Private

Remote:

origin

Description:



Share

Cancel

با وارد کردن نام ریپازتوری خود آن را در github به اشتراک می گذاریم.

[Beta Try the new code view](#)[main](#) ▾Python-Object-Oriented-Programming---4th-edition / ch_02 / src / point_2.py / [Jump to](#) ▾[Go to file](#)

...



slott56 Python Object-Oriented Programming 4th ed ...

Latest commit 53f12ef on Jun 4, 2021 [History](#)

1 contributor

[Copy raw contents](#)[Raw](#)[Blame](#)

▼



Copied!

41 lines (30 sloc) | 848 Bytes

```
1 """
2 Python 3 Object-Oriented Programming 4th ed.
3
4 Chapter 2, Objects in Python.
5 """
6
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 = """
```

برای pull کردن کد از github بر روی لینکی که
داریم کلیک می کنیم و کد مورد نظر را کپی می
کنیم.

project > my project.py

Project

Commit

my project.py

```
import math

class Point:
    def move(self, x: float, y: float) -> None:
        self.x = x
        self.y = y

    def reset(self) -> None:
```

Run: my project

C:\Users\pixel\anaconda3\python.exe "C:/Users/pixel/Desktop/project/my project.p
5.0

Process finished with exit code 0

Git Run TODO Problems Terminal Python Packages Python Console Services Endpoints

سپس کد را paste کرده و آن را اجرا می کنیم.