**DJANGO**

**1. Install of Python**

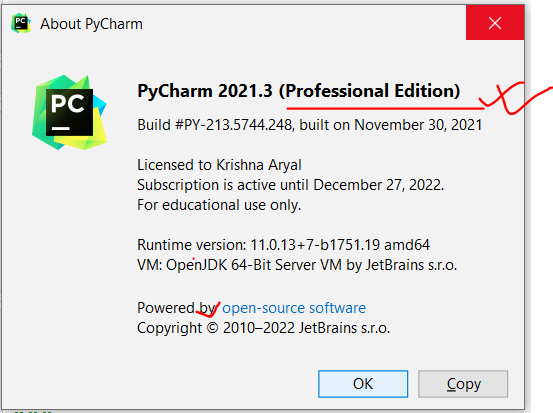
https://www.python.org/downloads/

**2. Installation of PyCharm**

https://www.jetbrains.com/pycharm/download/#section=windows

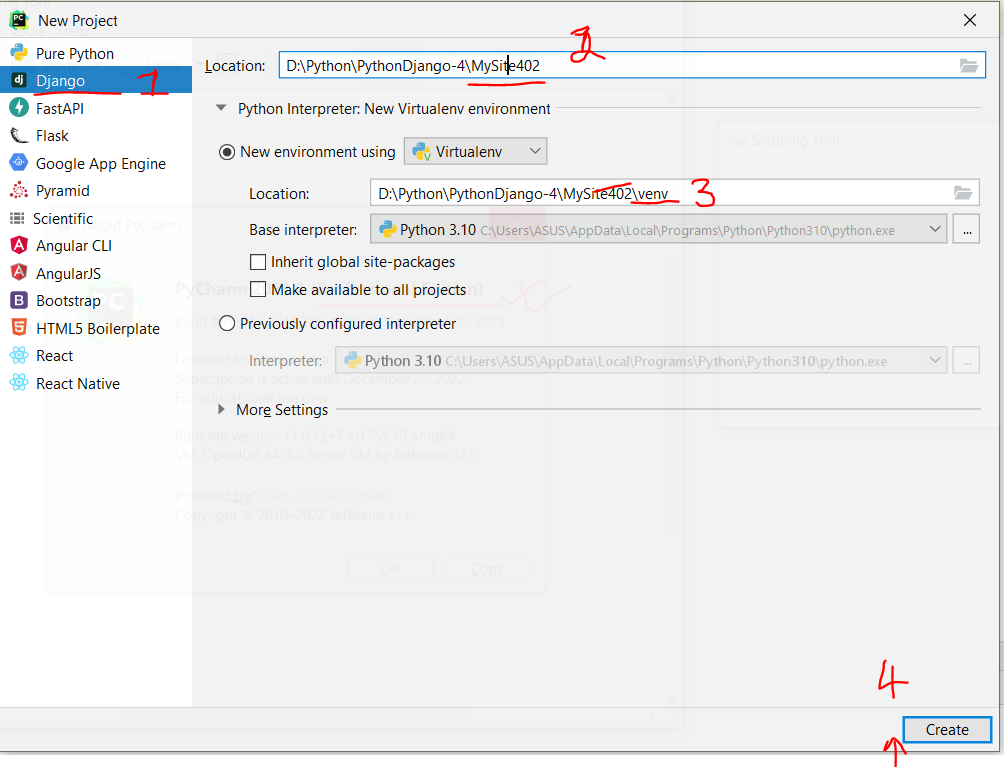
# IDE: PyCharm

# Help (Menu) -> **About**



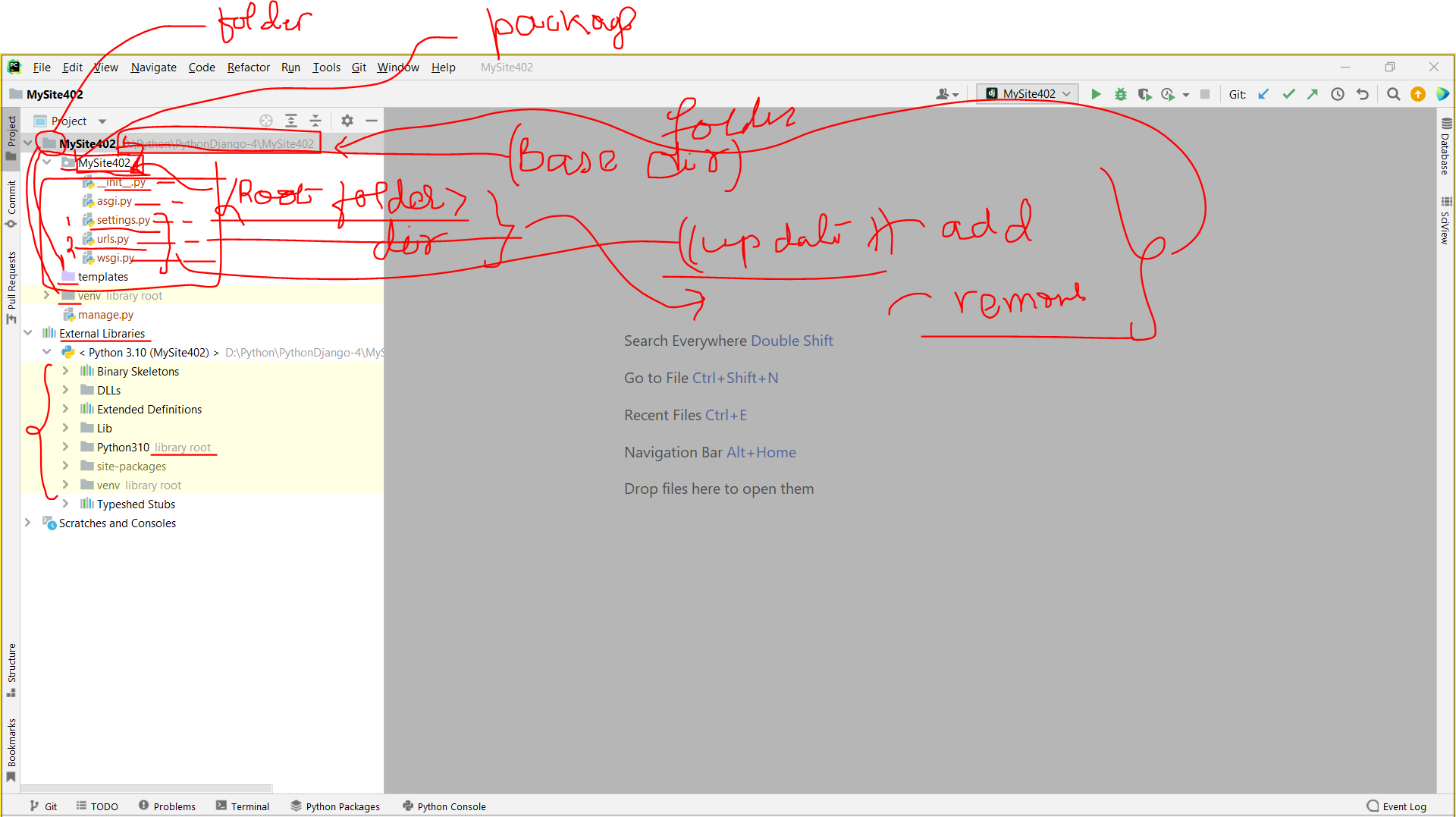
**3. Creating new Project (Django Project -> Website)**

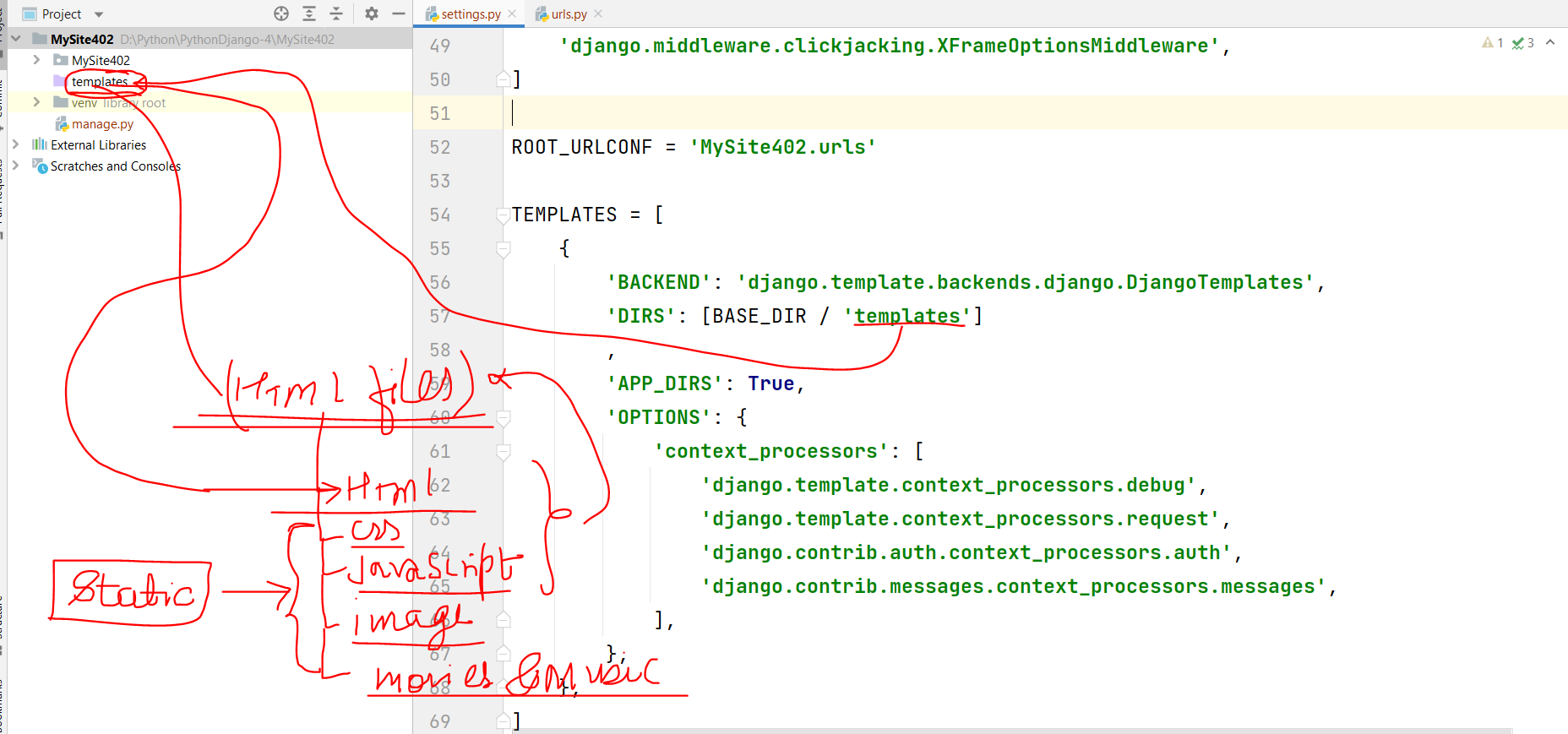
* **File** (Menu) > **New Project**



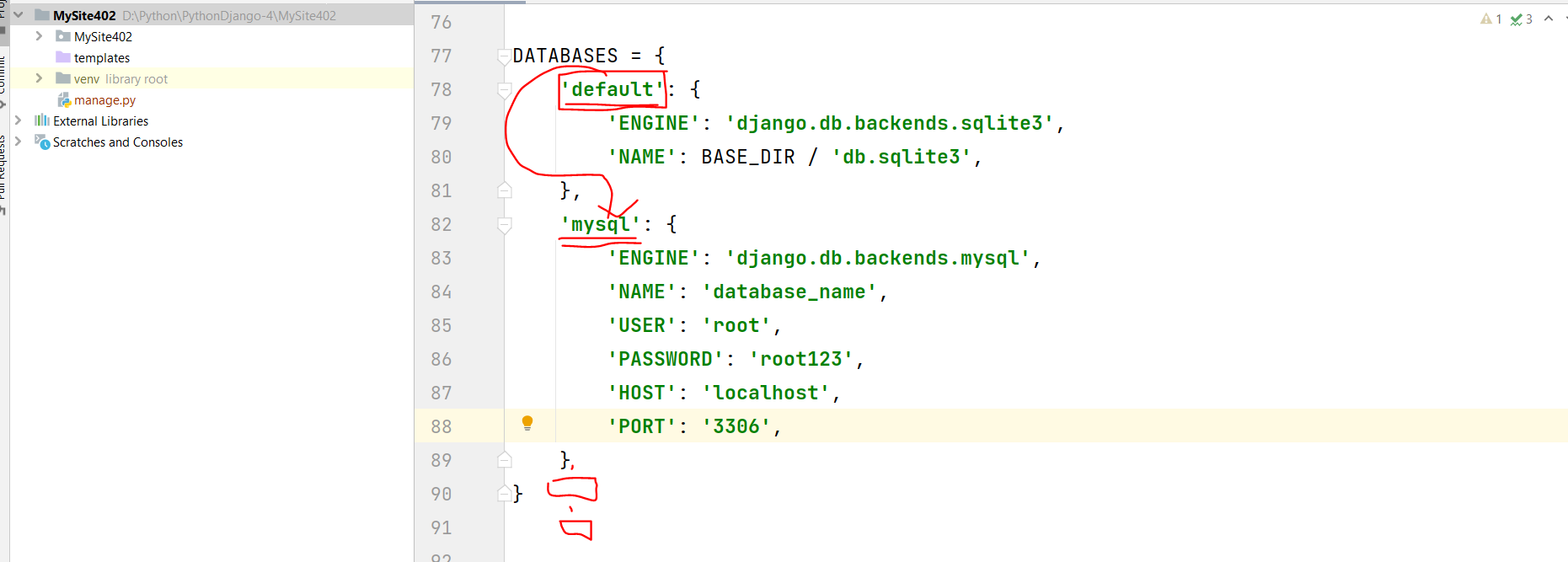
* Click on **Create** button

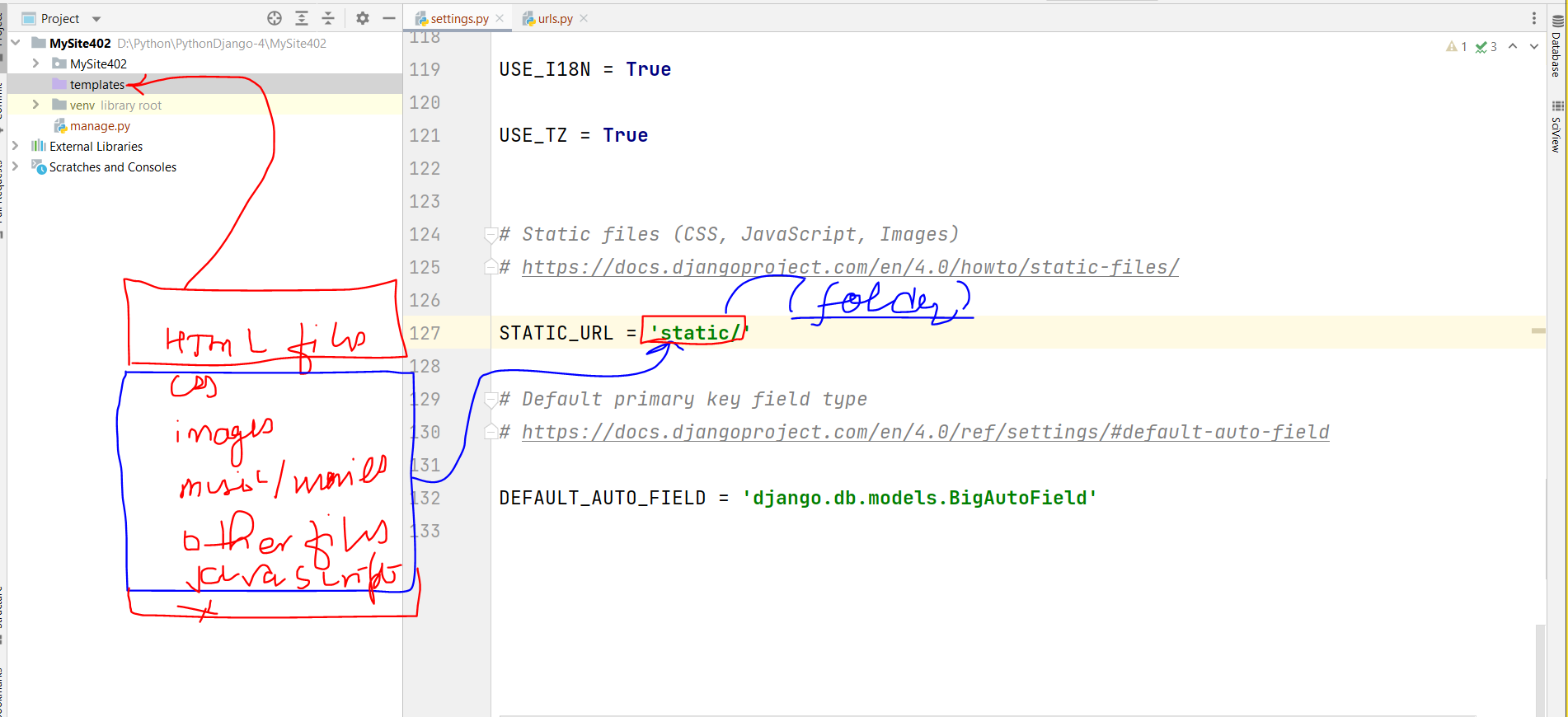
**4. Explore Django Project**

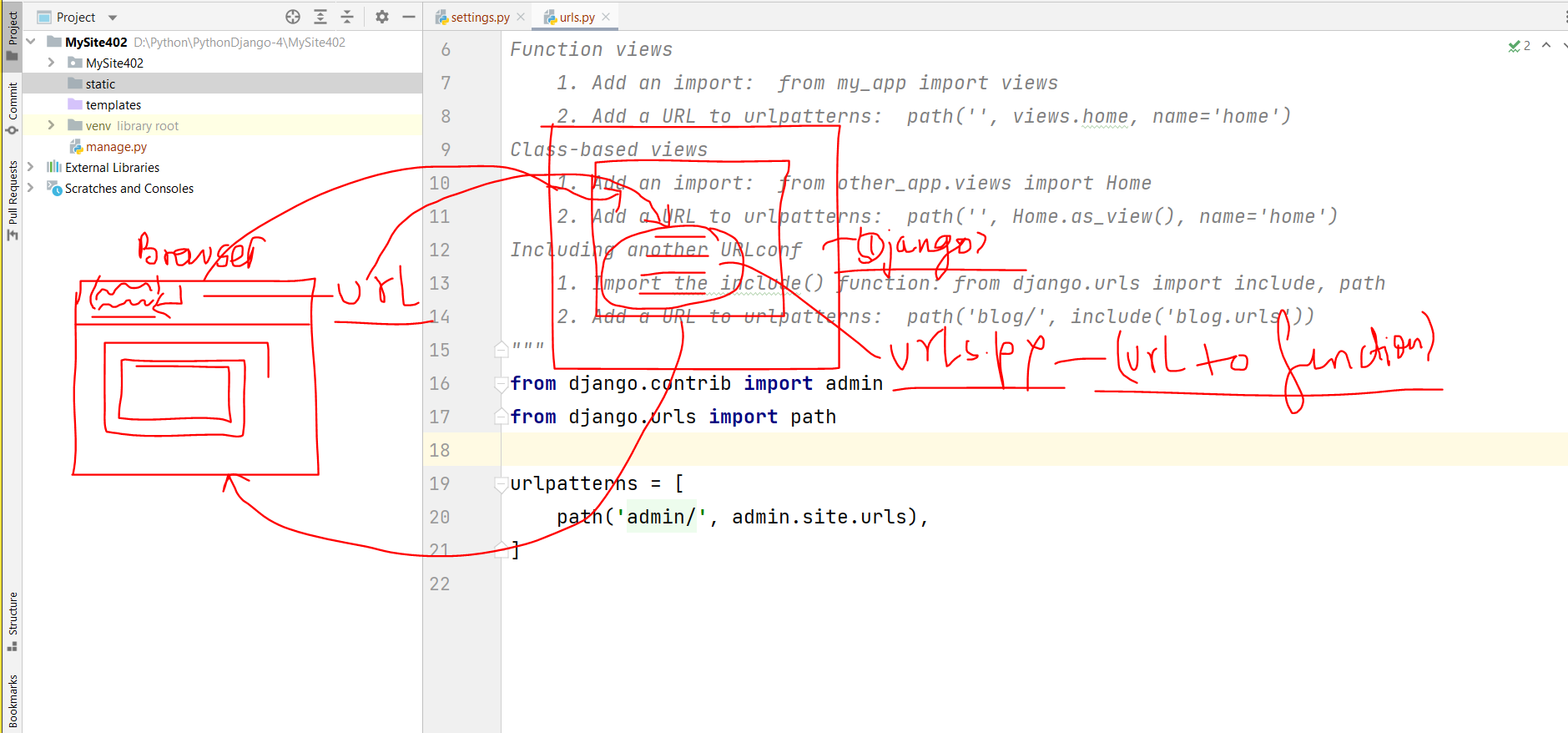






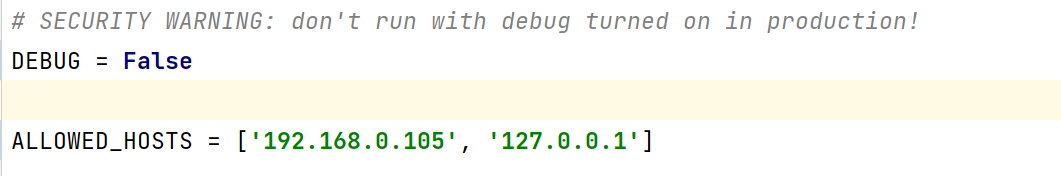




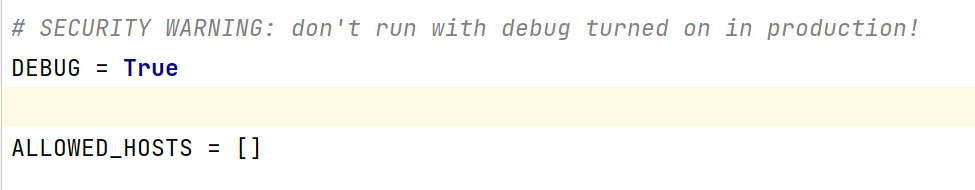


**settings.py**

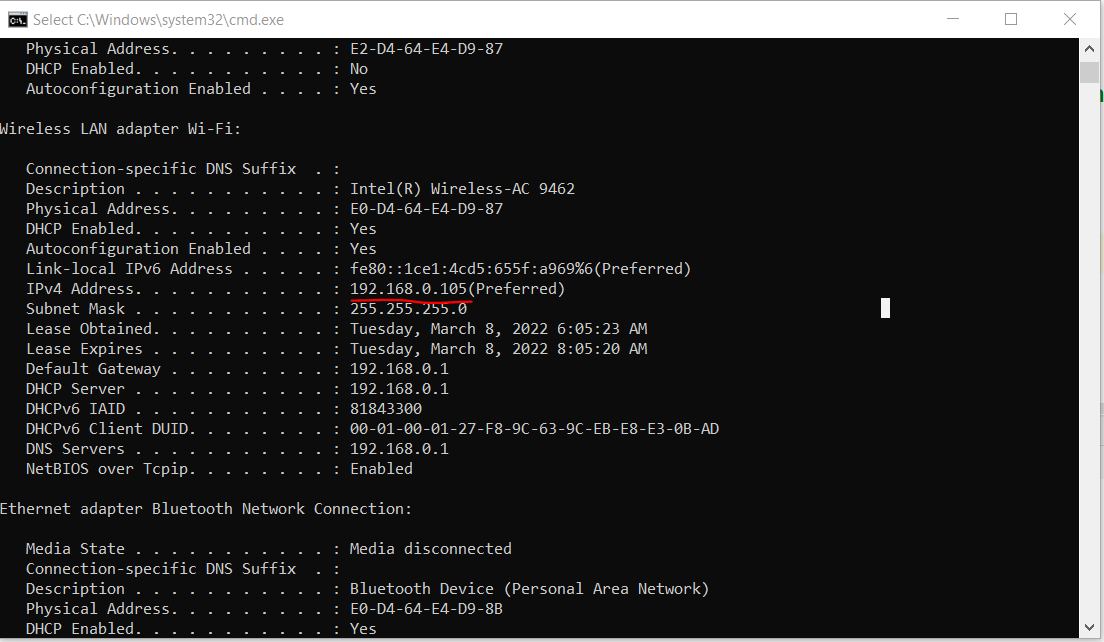
**Testing/development**



**Production/live site**



**Terminal > ipconfig/all**



**5. Startring website (Up)**

**a.** Terminal **->** python manage.py **runserver**

**or**

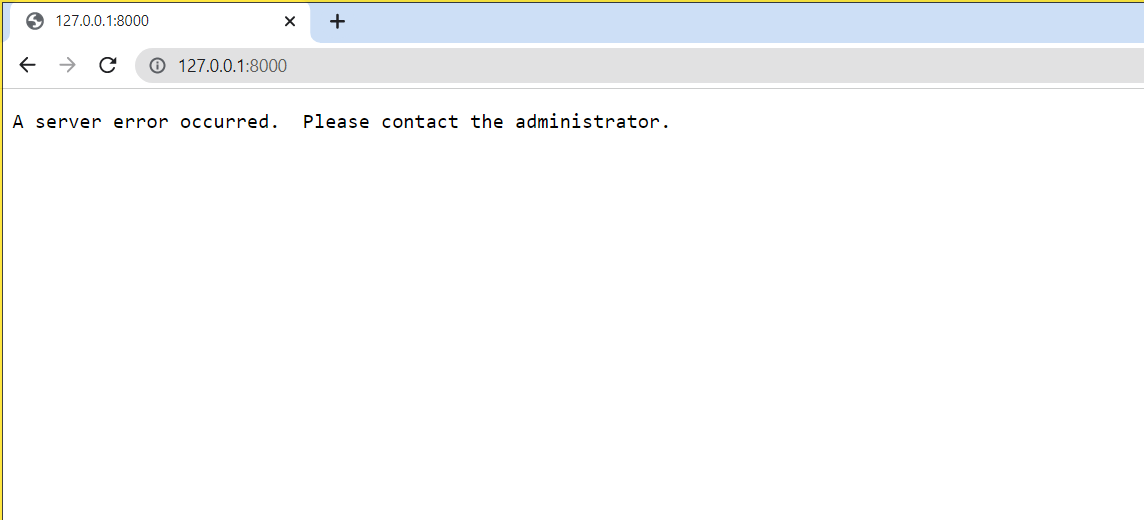
b. Tools (Menu) -> **Run manage.py Task (Terminal of manage.py)**

**runserver**

**6. Website stop (down)**

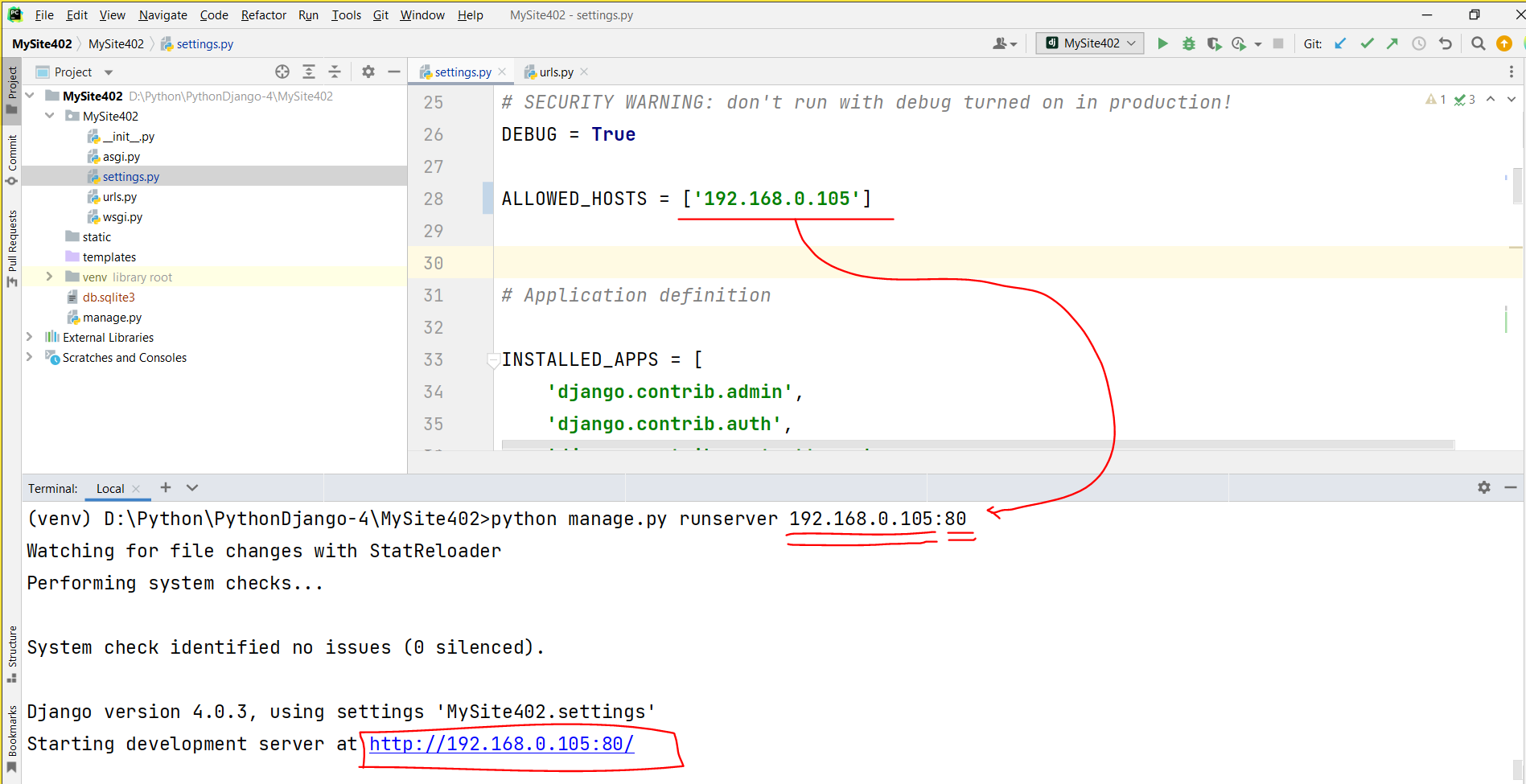
Ctrl + Z or Ctrl + C

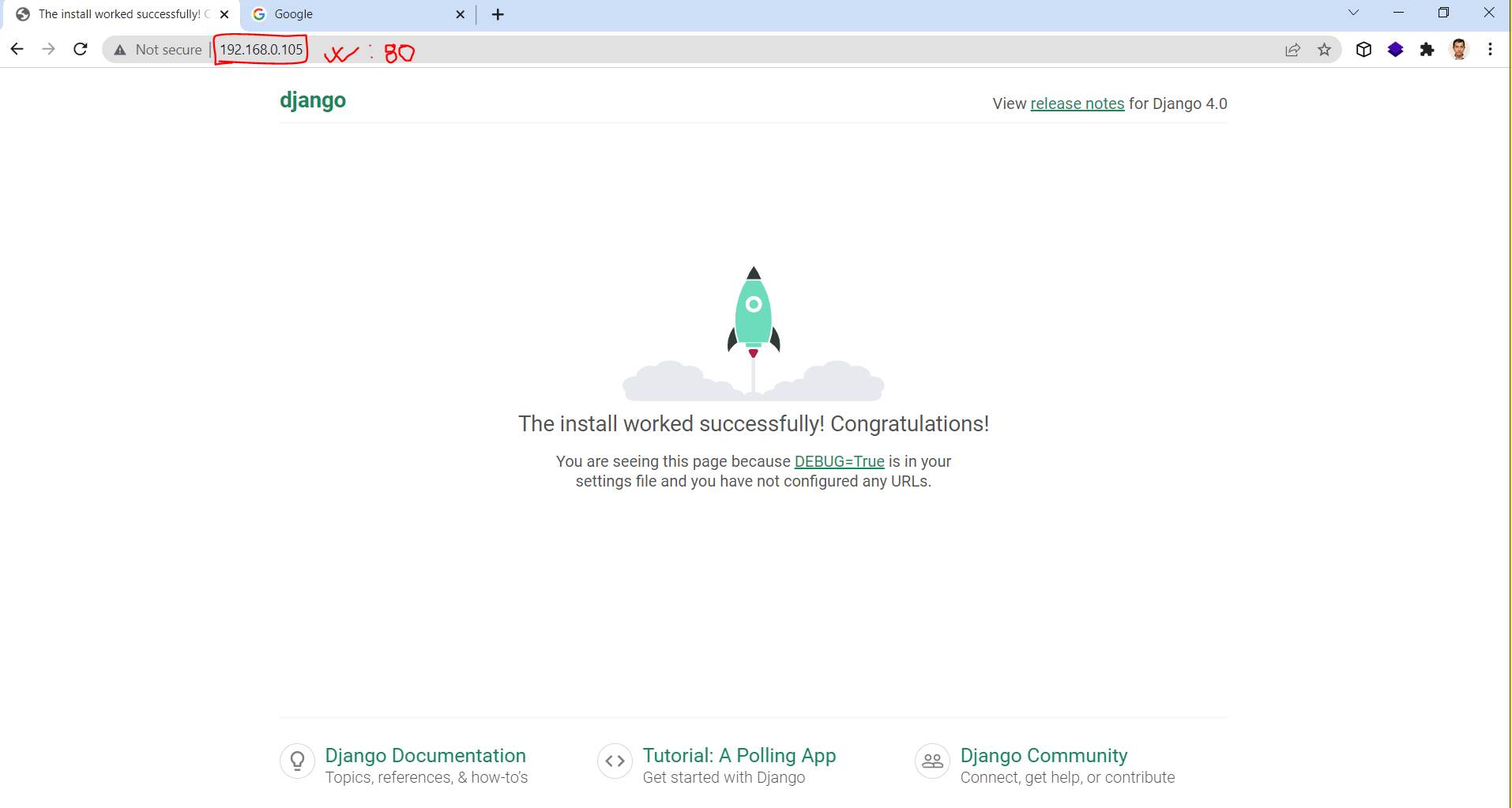
**7. Browse the website**



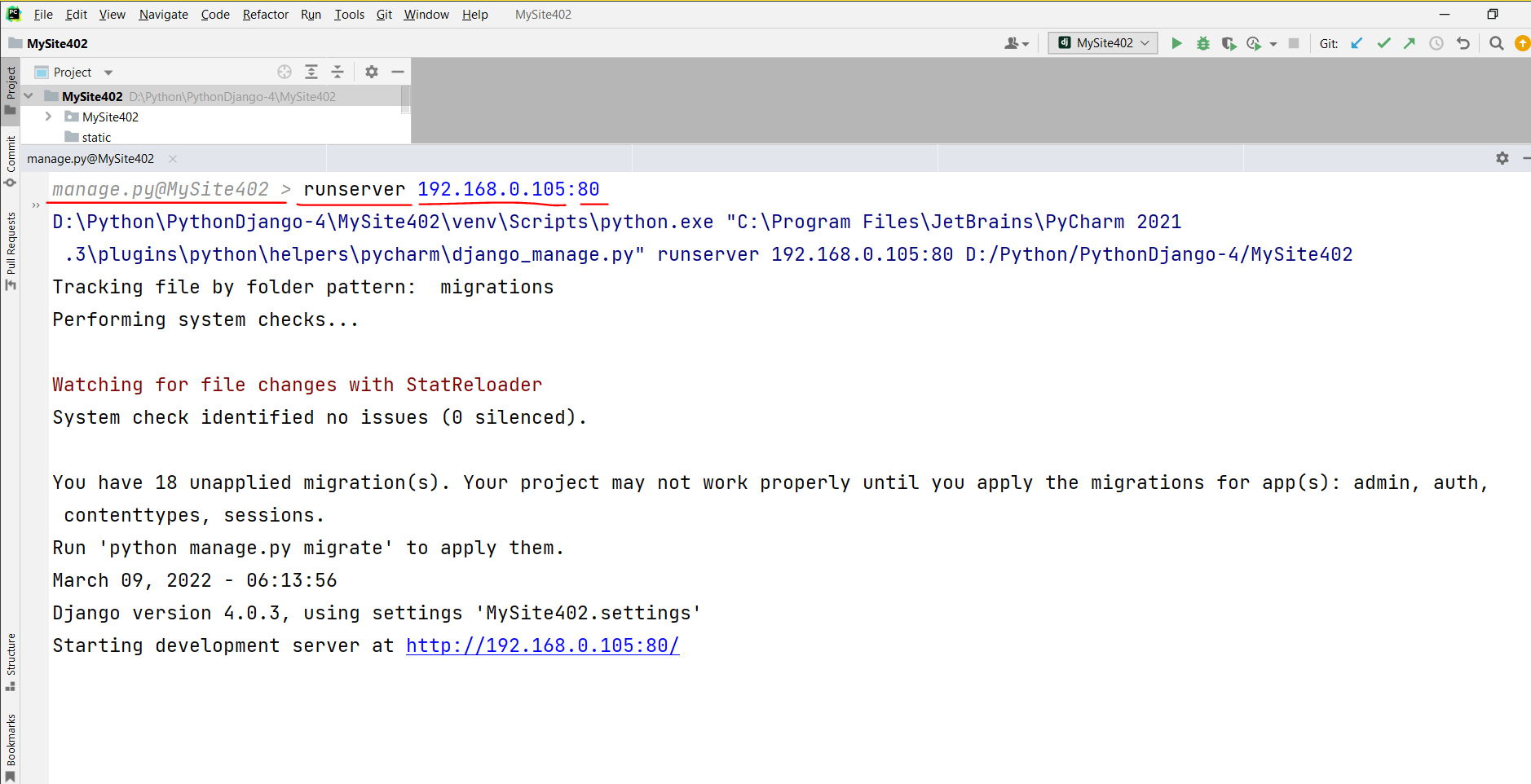
**Port in Server Start**

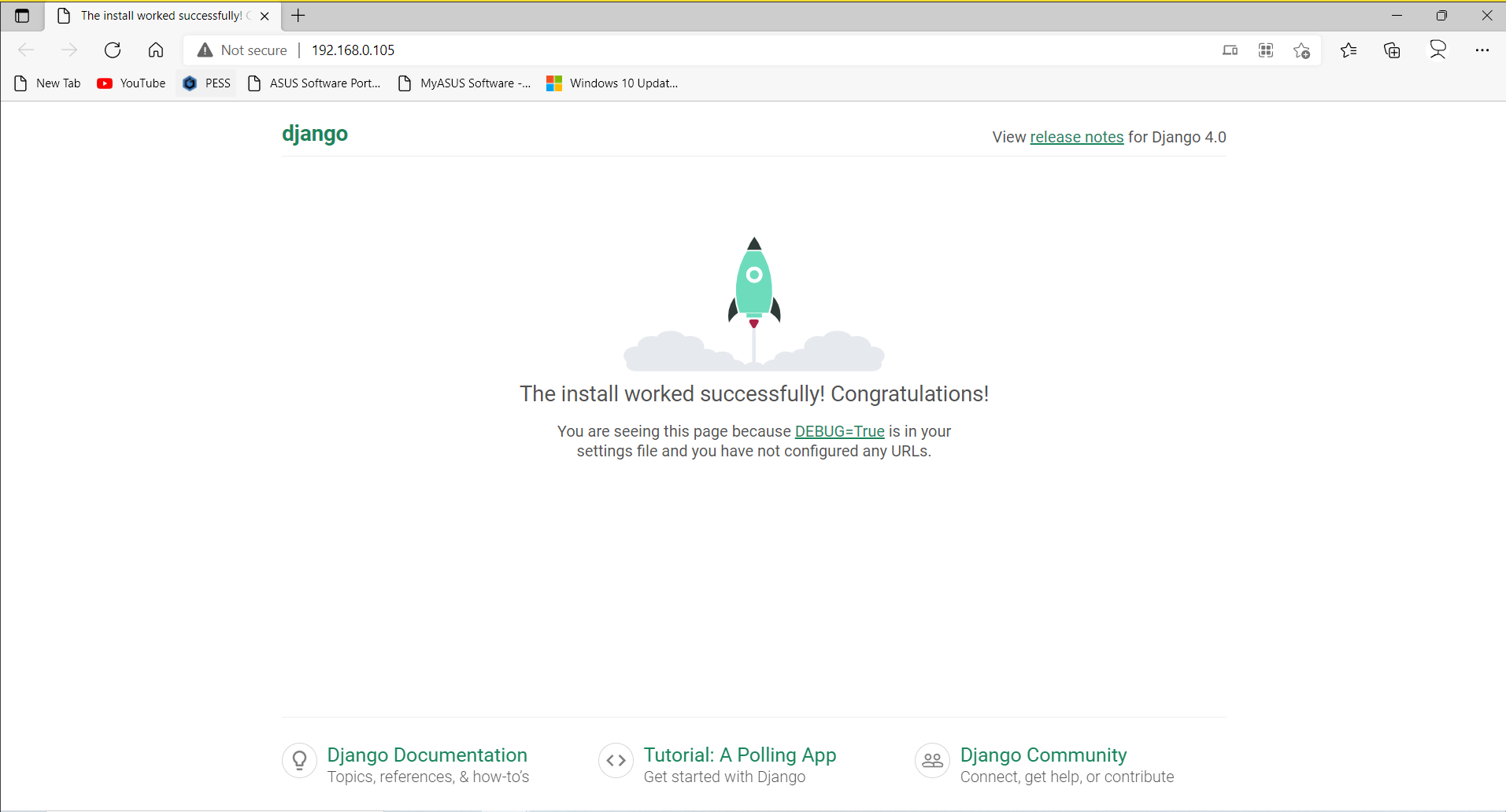
**General Terminal Command**





**Manage.py terminal**



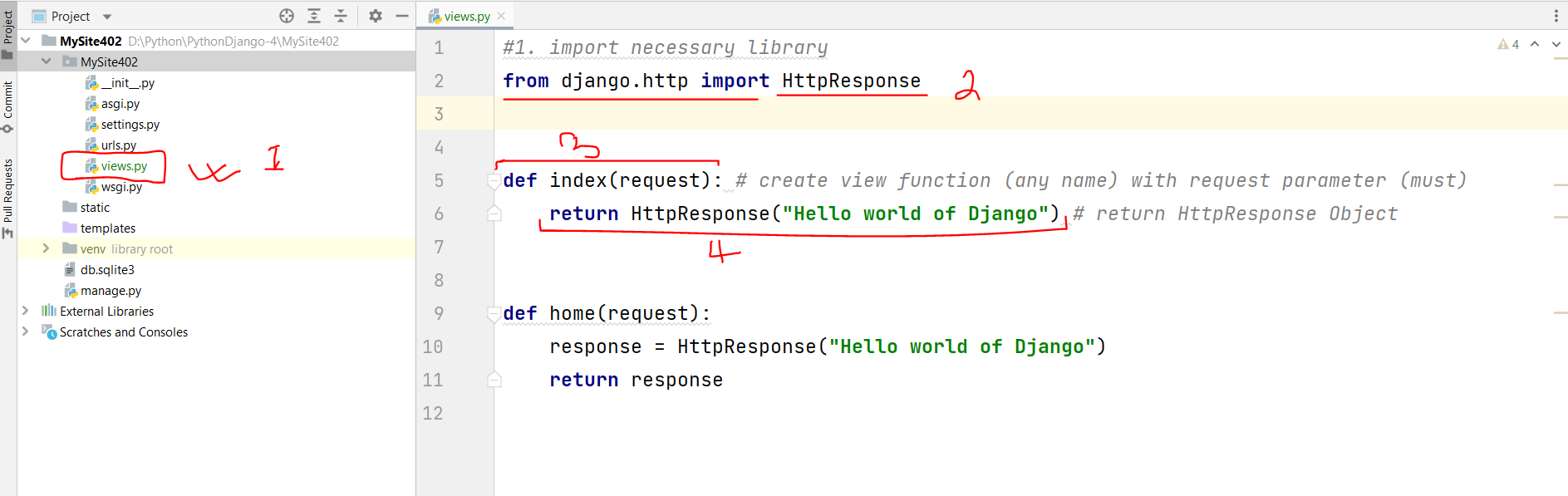


**Task-1**

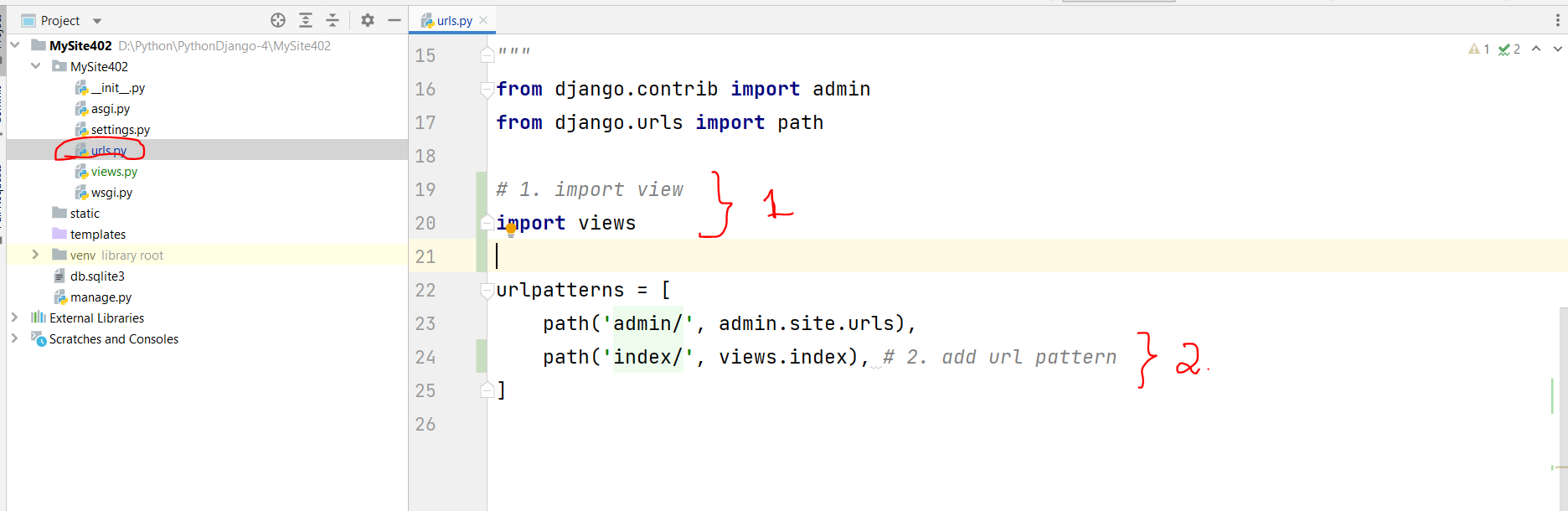
* Display “Hello world of Django!” in browser.

**Solution-1 (RootDir)**

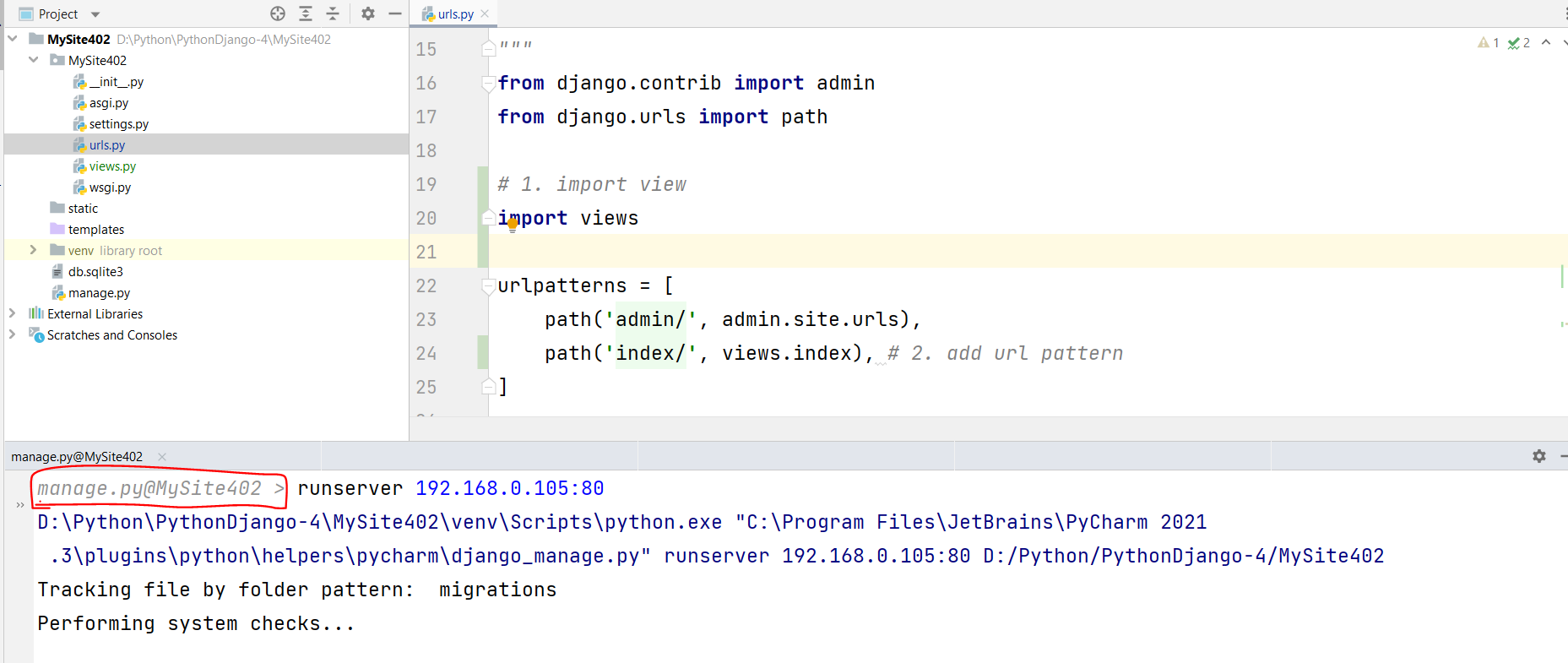
* Create **views.py** file
  + Create view **function** to return “Hello world of Django!”

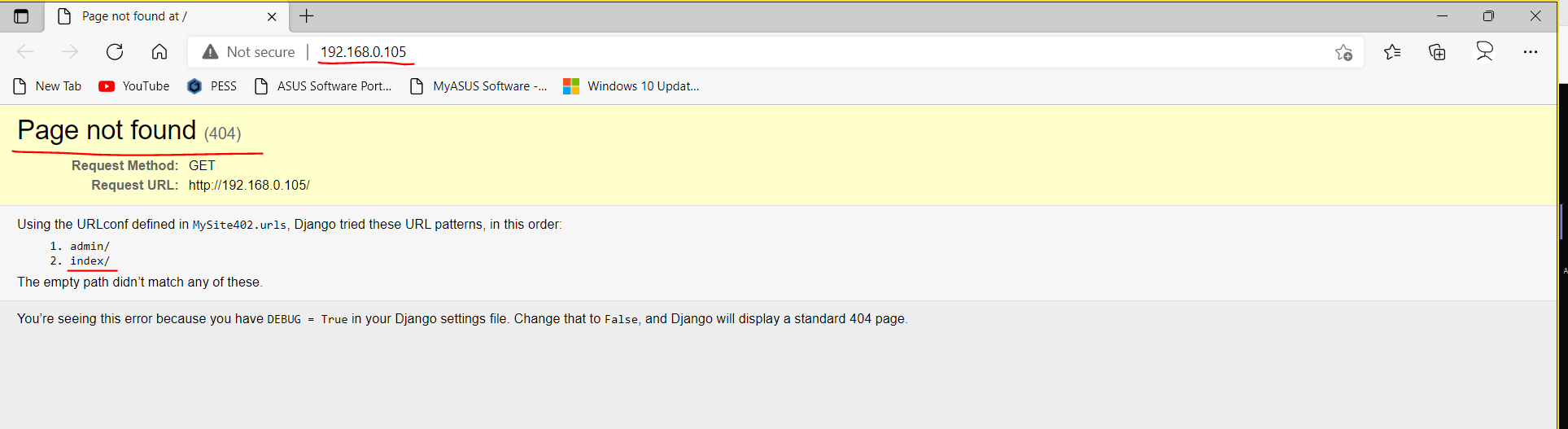


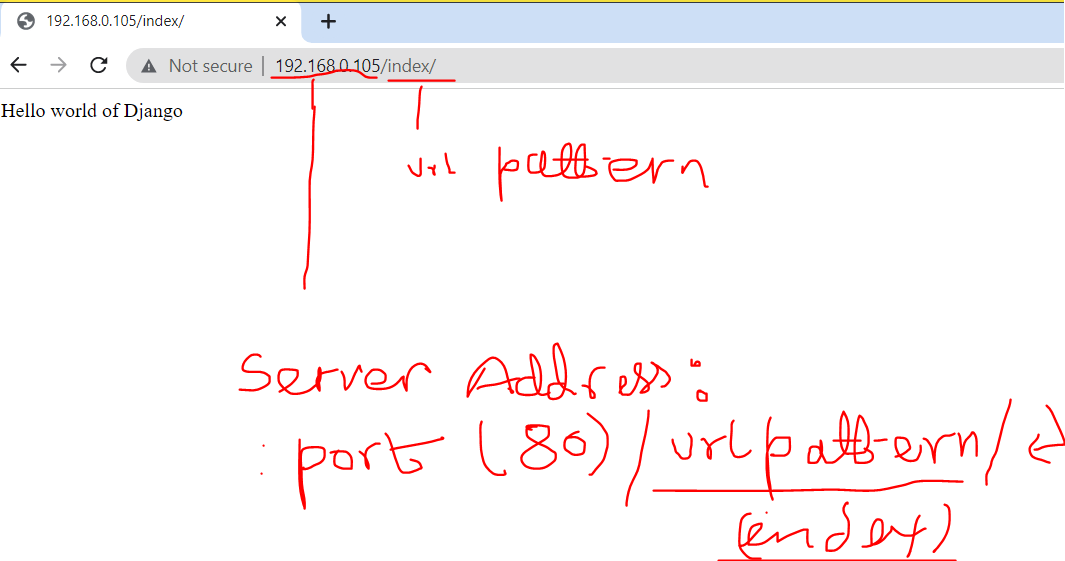
* Create **new url pattern** (update root’s **urls.py** file)



* Run server and browse





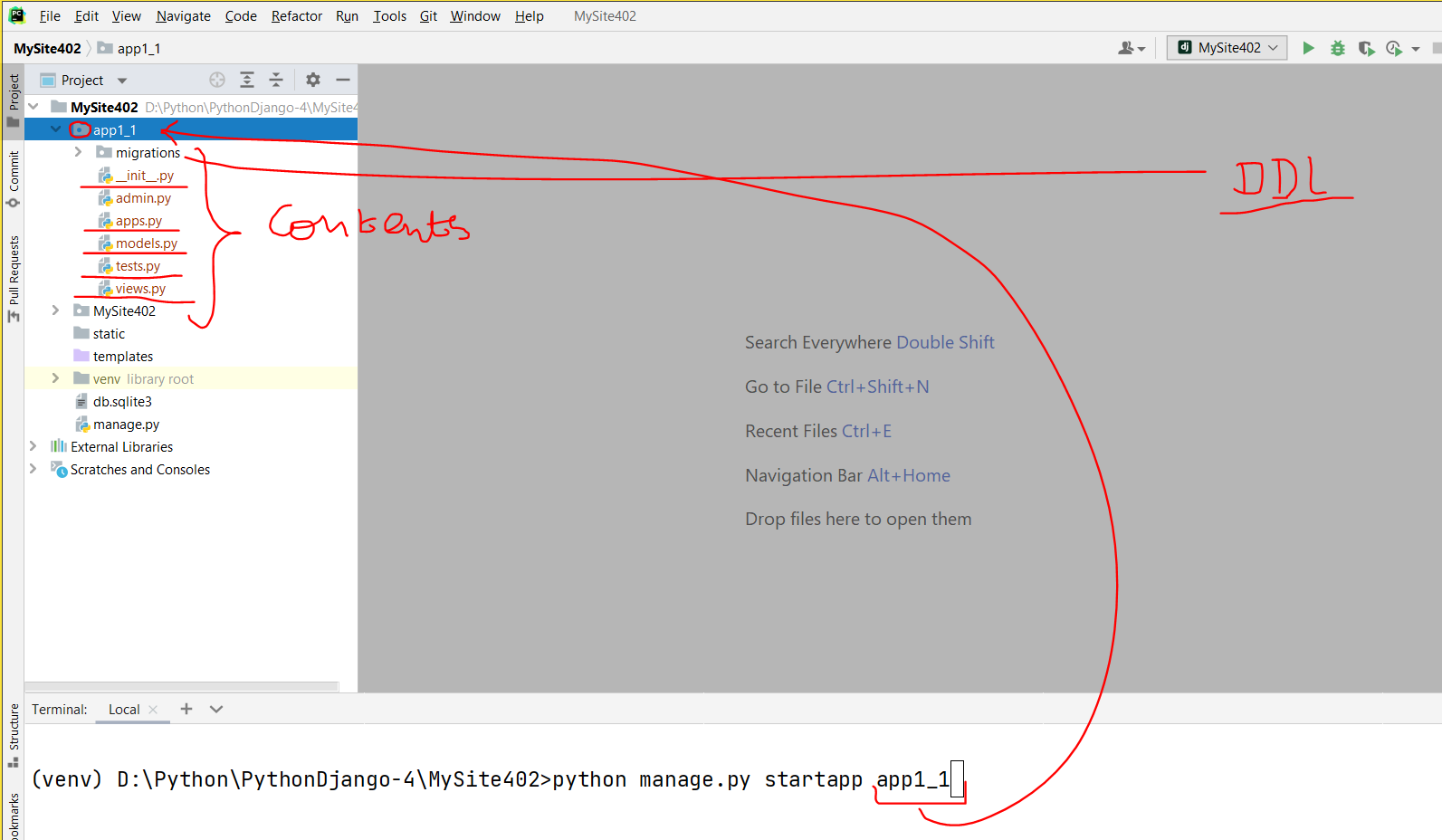


**Task-2:** Create the following views functions and urls pattern to call respective view functions.

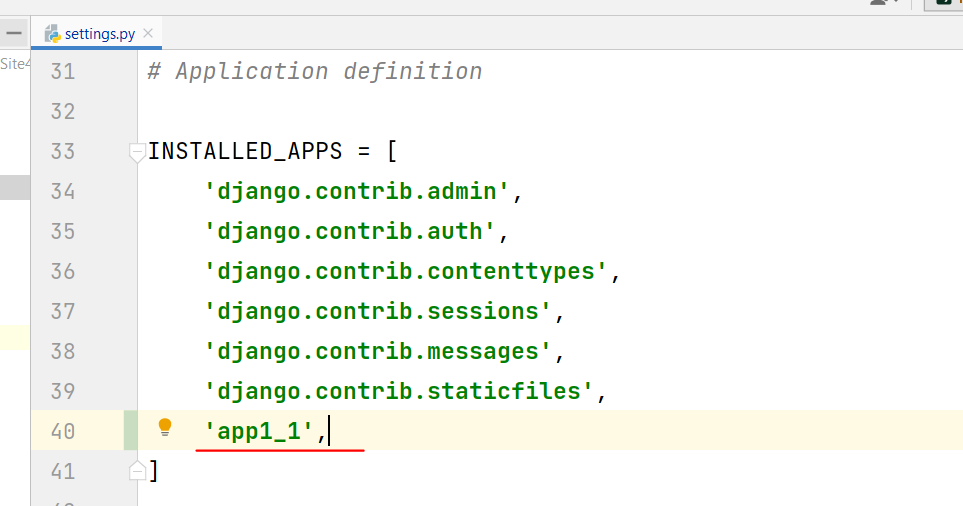
* defualt (Home page)
* successgallery
* testimonials
* onlineadmission
* paymentoption
* offers
* career
* contactus
* blog

**Solution-2 (App)**

* Creating new app
  + Terminal -> python manage.py startapp **app1\_1**



* Register app in rootdir/settings.py -> INSTALLED\_APPS -> add app\_name in list ‘**app1\_1**’



**Task-2:** Create multiple apps and integrate in site.

* defualt (Home page)
* successgallery
* testimonials
* onlineadmission
* paymentoption
* offers
* career
* contactus
* blog

**Note:**

* **HTML, CSS, JavaScript**
* **Bootstrap**
* **Node**, and **Angular**/View/React JS