BCIIT

BCASemIV

LabManual1-WebDevelopmentthroughDjango(BCA-218)

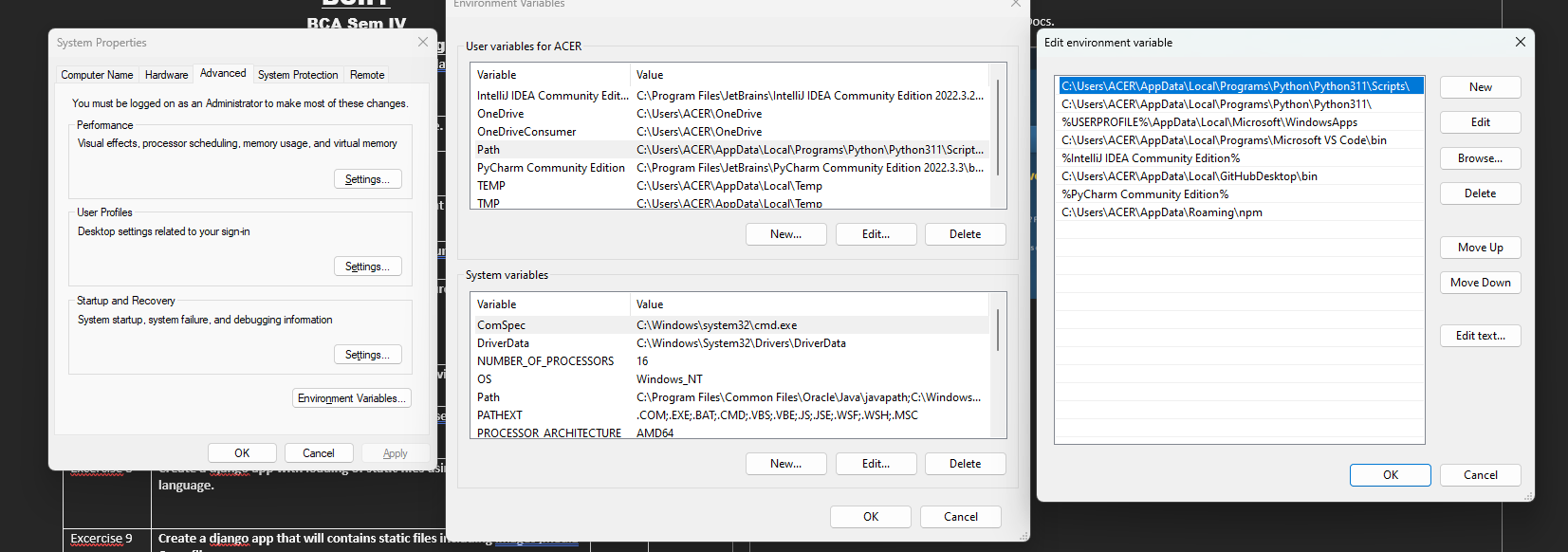
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| --- | --- | --- |
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| Excercise2 | **Createanewdjangoprojectusingcommandline.** |  |
| Excercise3 | **Createanapplicationwith‘Helloworld’.** |  |
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| Excercise6 | **CreateadjangoapplicationusingtemplatefeaturesRenderingatemplate**  **Multiple ContextContexvariable**  **Templateloadingincludetemplatetag.** |  |
| Excercise6 | **Createa django appwith dynamiccontentfromviewfunction.** |  |
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Excercise1: **Installpythonincludinginstallationofpip,installationandsettingupvirtualenvironment&Installationof Django.**

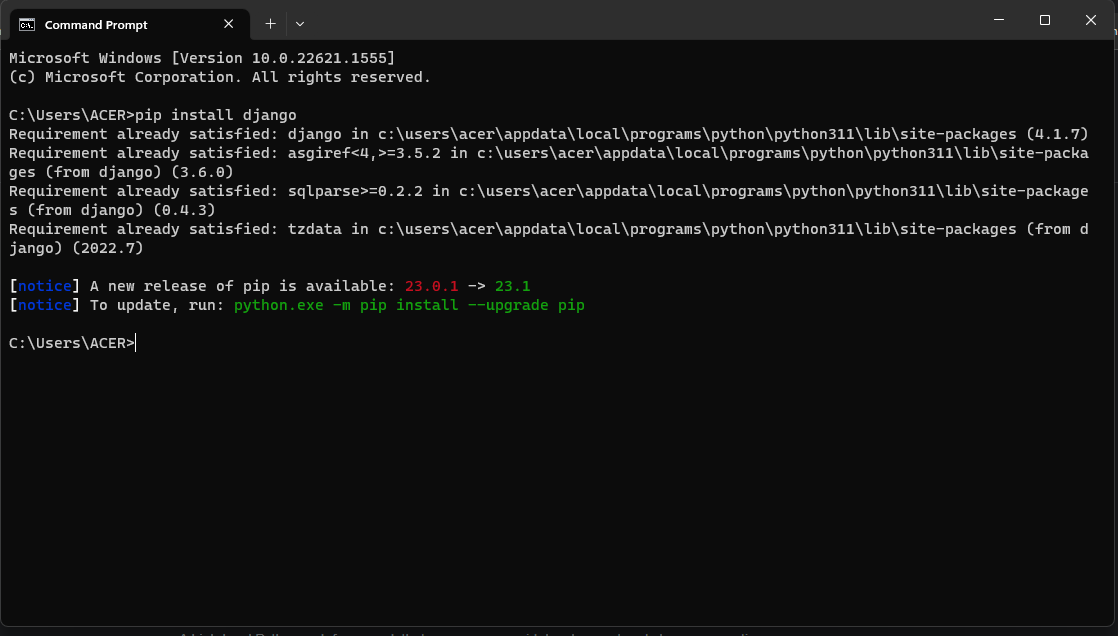
Step 1: Install Python from official Docs.



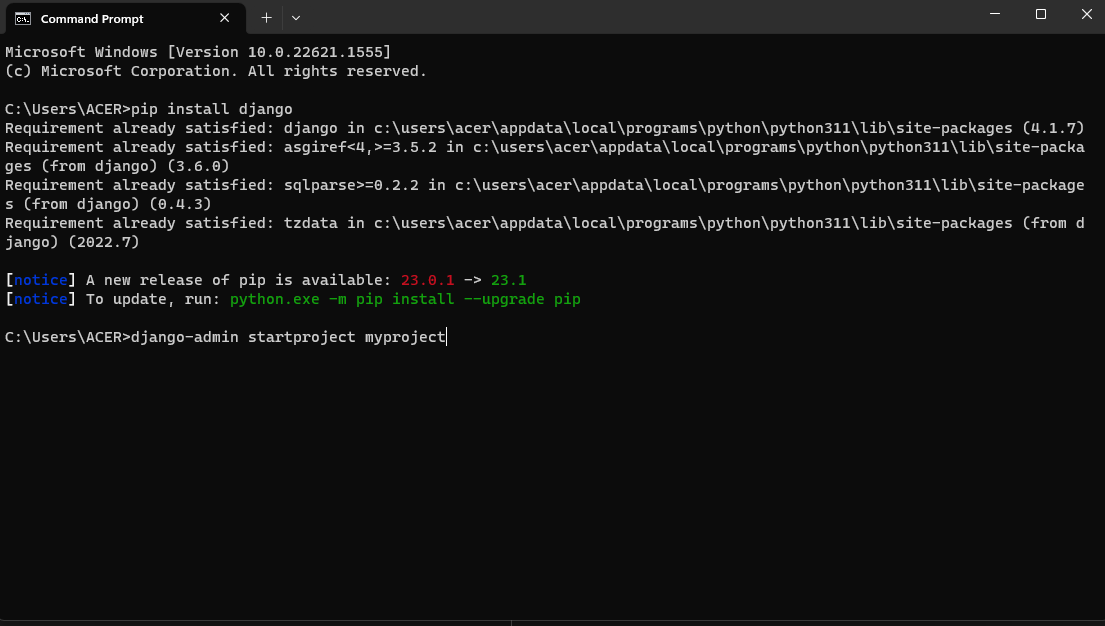
Step2:



Step3:

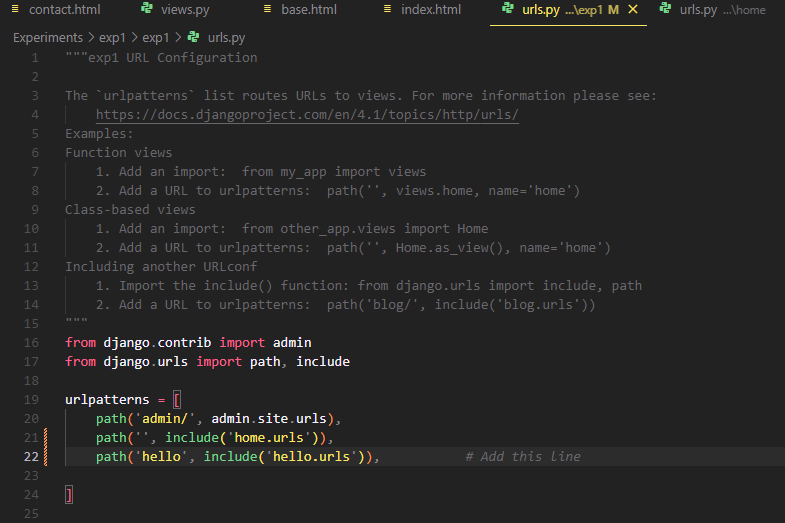


Excercise2. **Createanewdjangoprojectusingcommandline.**



Excercise3, 4. **Createanapplicationwith‘Helloworld’ and Createadjangoappthatwilldefineurlpatternatapplicationlevelinsteadof projectlevel.**

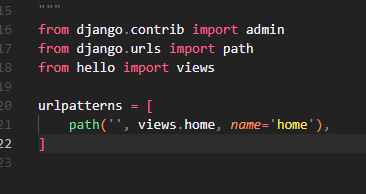
Step1: **urls.py:**

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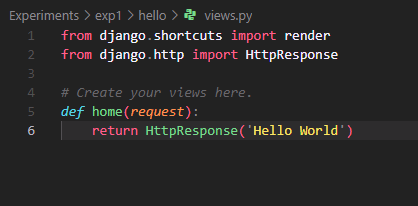
Step2: create a app in your Django project using below command line

“py manage.py startapp hello”

Step3: create a urls.py in your hello app



Step4: Define home function in views.py

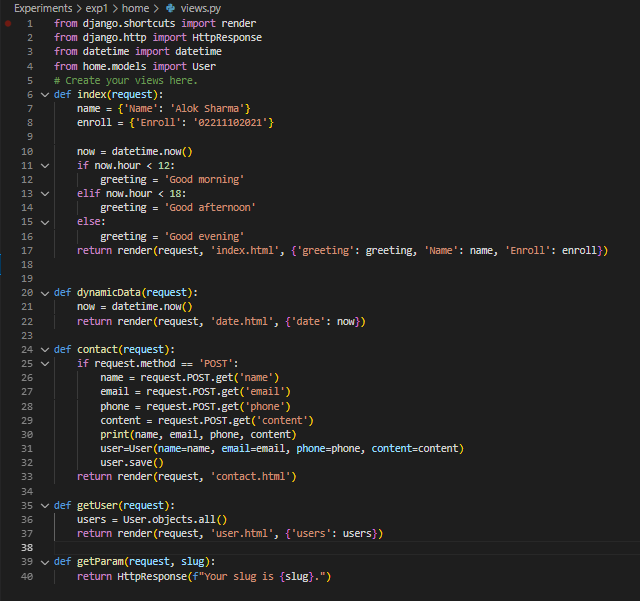


Excersice 5, 6A, 6B, 7, 8, 9, 10, 11

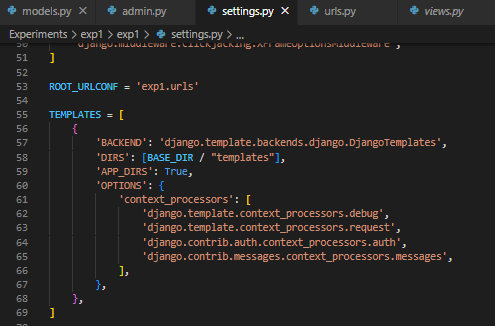
Step1: create a Django home app in your Django project using below command

“py manage.py startapp home”

Step2: Go to views.py and create multiple views function



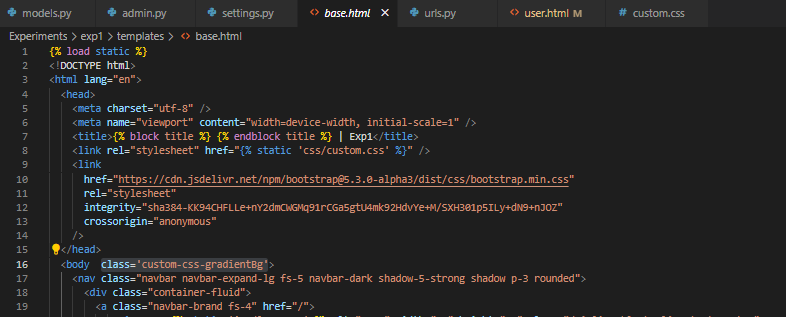
Step4:For rendering template go to settings.py file and edit “TEMPLATES\_DIR” to “BASE\_DIR / ‘templates’ “



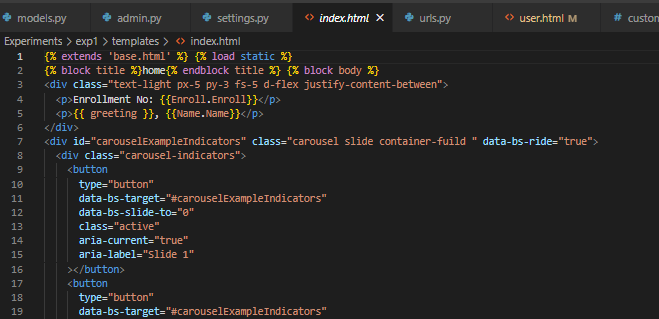
Step5: create “base.html” and “index.html” inside the templates folder

And add at the top of the index.html {% extends ‘base.html’ %}

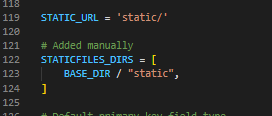
Base.html:



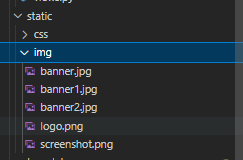
Index.html:



Step5: To add static file in webpage, firstly you need to add STATIC\_DIR in settings.py



Step6: goto static directory and create a folder for called “img” and move all the required images inside the static folder



Step7: to display static images on your webpage use {% static load ‘img/img\_name’ %}



Endresult:

