**Python-Django Internship Report**

**Personal Details**

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Semester : 7th

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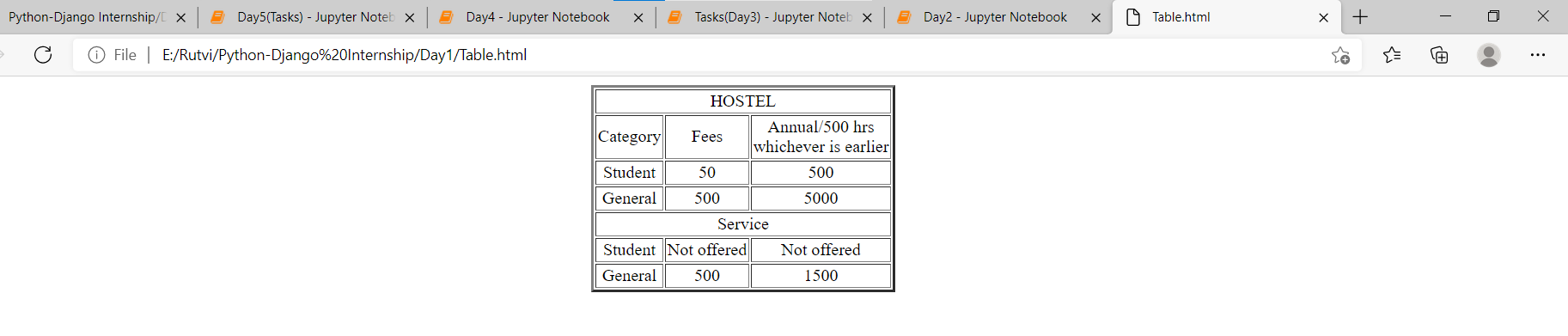
Training Duration : 25-05-2021 to 21-06-2021

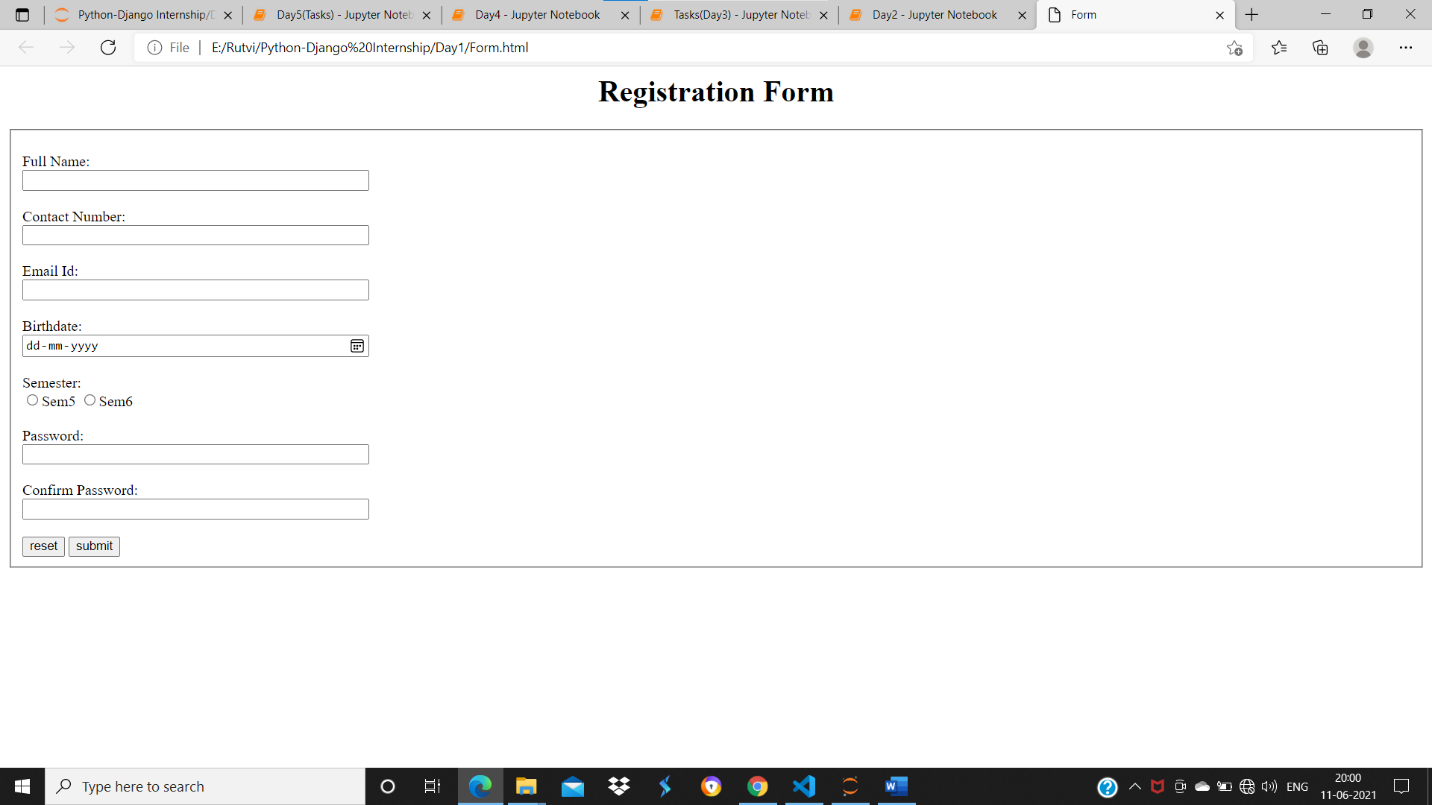
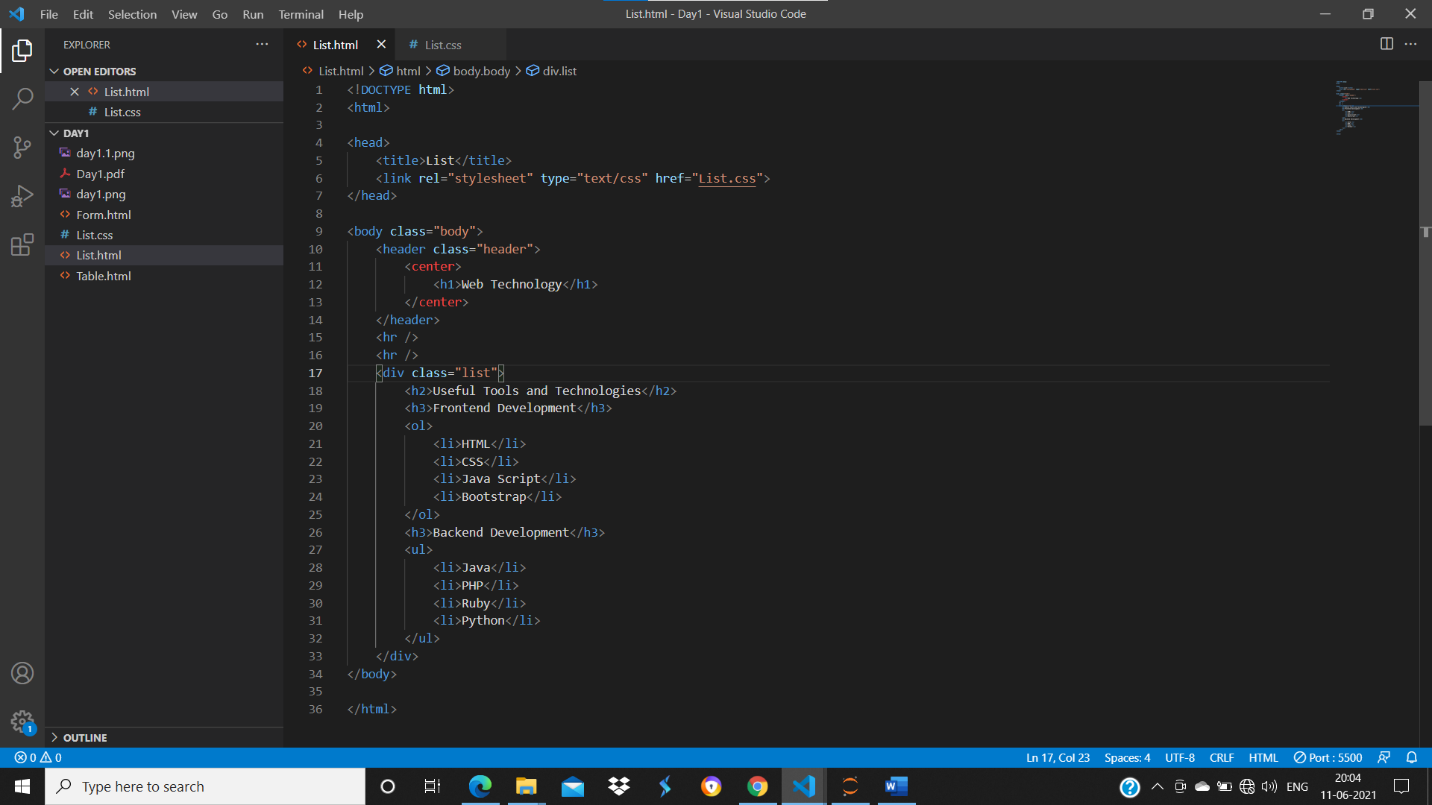
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| 1 | Basic programming with HTML and CSS. | 3 |
| 2 | Basic programming with Python. (variables, datatypes, lists, tuples, dictionary etc. ) | 4 |
| 3 | Conditional statements, Looping statements, Break & Continue, Pass statements. | 5 |
| 4 | User defined Functions and Functional Arguments | 6 |
| 5 | OOPs Concepts (class, constructor, inheritance) | 7 |
| 6 | Basics of Django with its applications & Installation of Django. | 8 |
| 7 | Project creation, Application creation, setup of URLs. | 9 |
| 8 | HTML and CSS themes in Django. | 10 |
| 9 | Form creation and Get Post Methods in Django. | 11 |
| 10 | Database Connectivity using Django Administration. | 12 |

Day-1 (25/05/21):

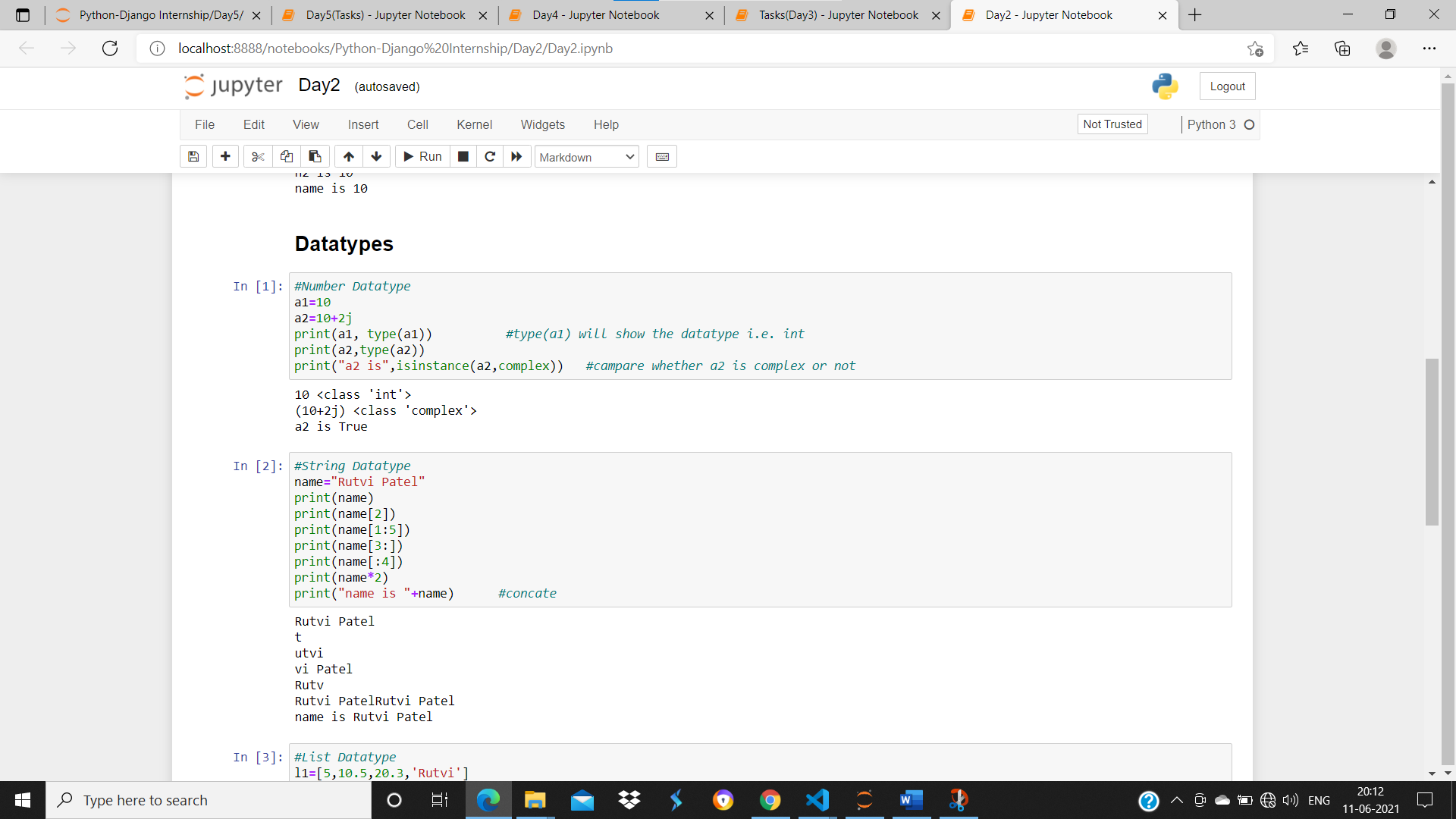
On the first day of the internship, the instructor had provided overview of Python Language and its real time use cases. Alongside, the installation of Python and some important software was demonstrated. Some basic HTML and CSS programs were given as a task at the end of first session.

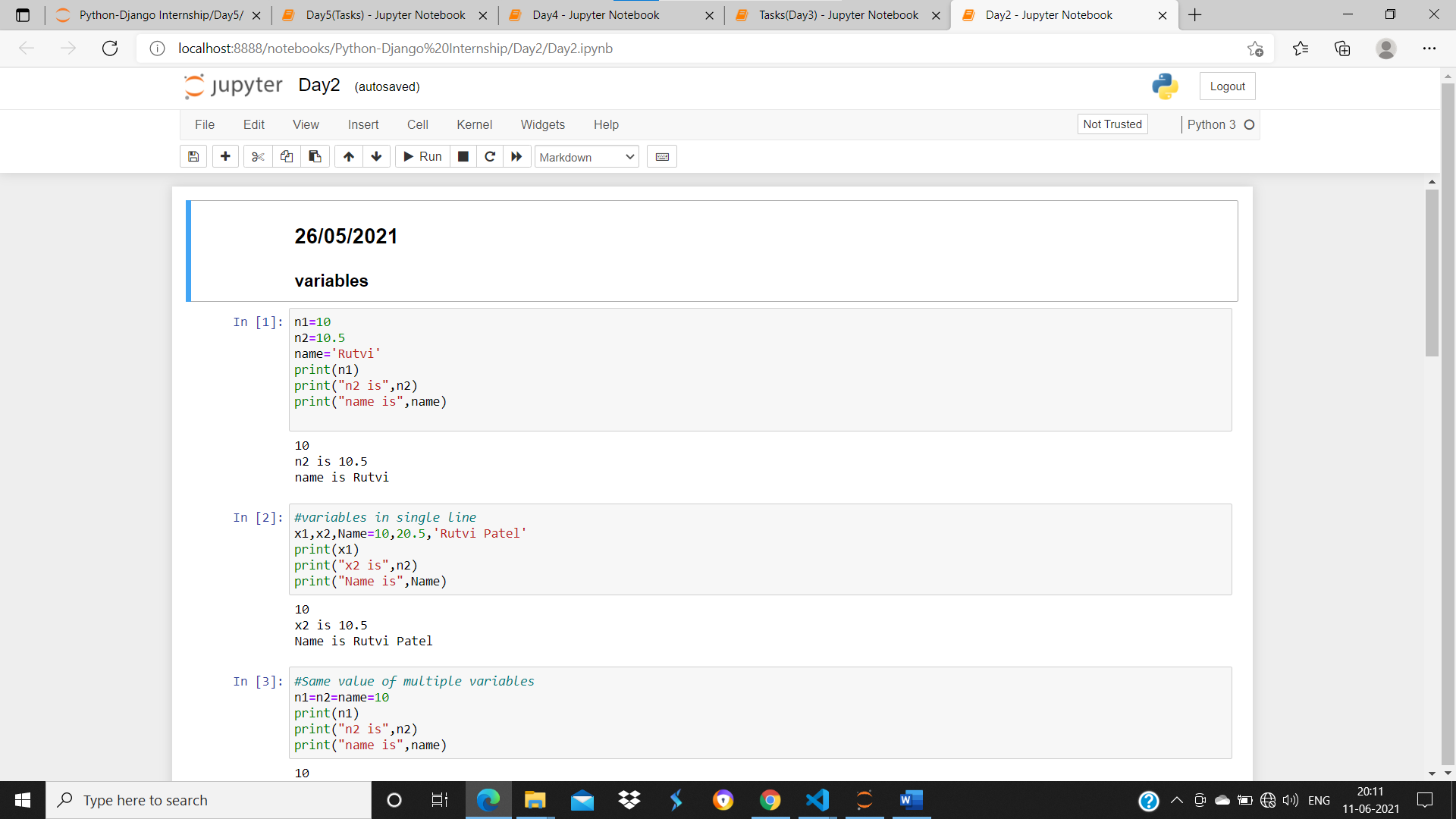




Day-2 (26/05/21):

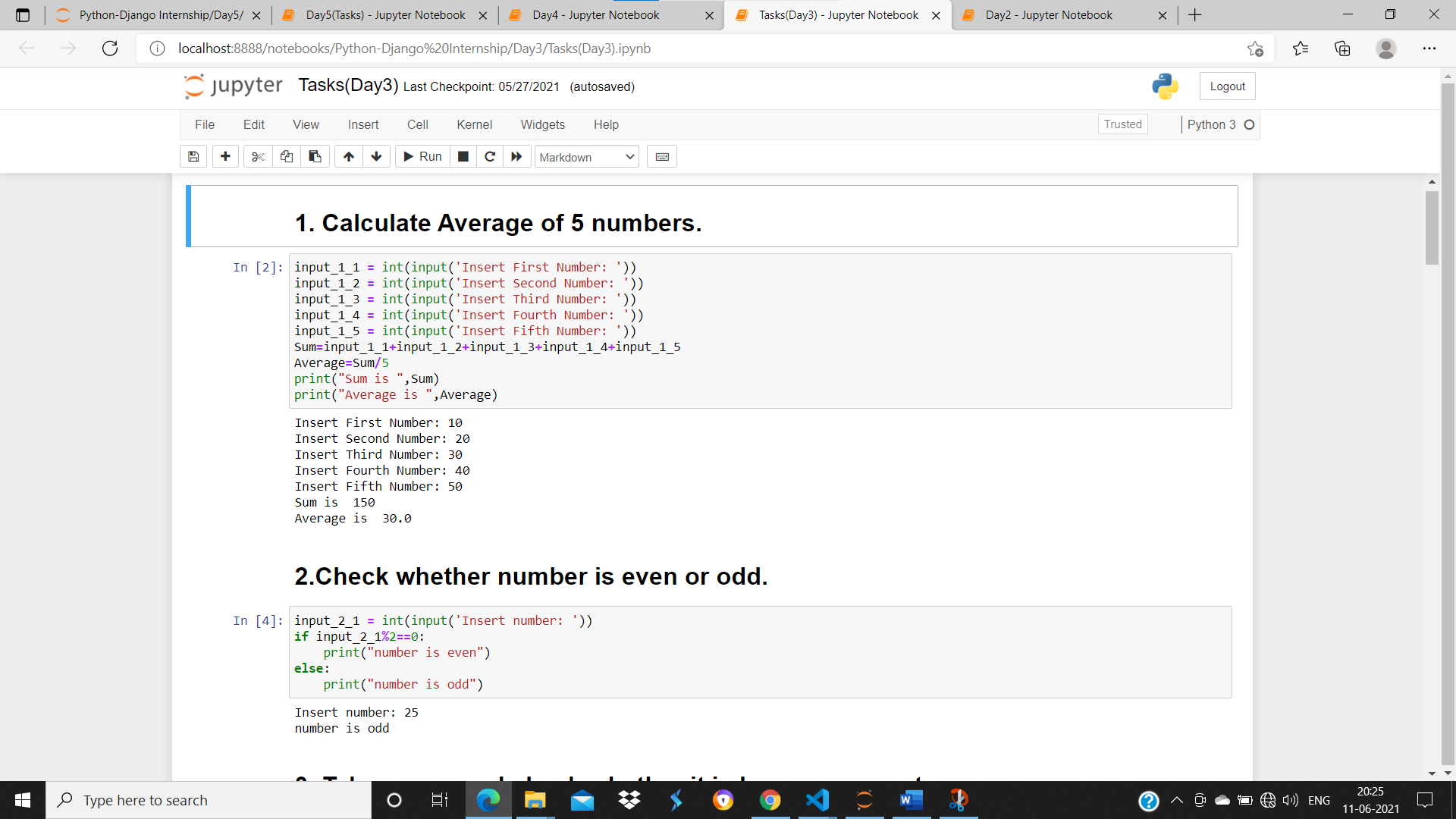
On the second day of the internship, variables, various types of datatypes and data structures such as Lists, Tuples, Dictionary and its implementation was explained. In order to make a strong understanding, some basic tasks were given on the concepts.

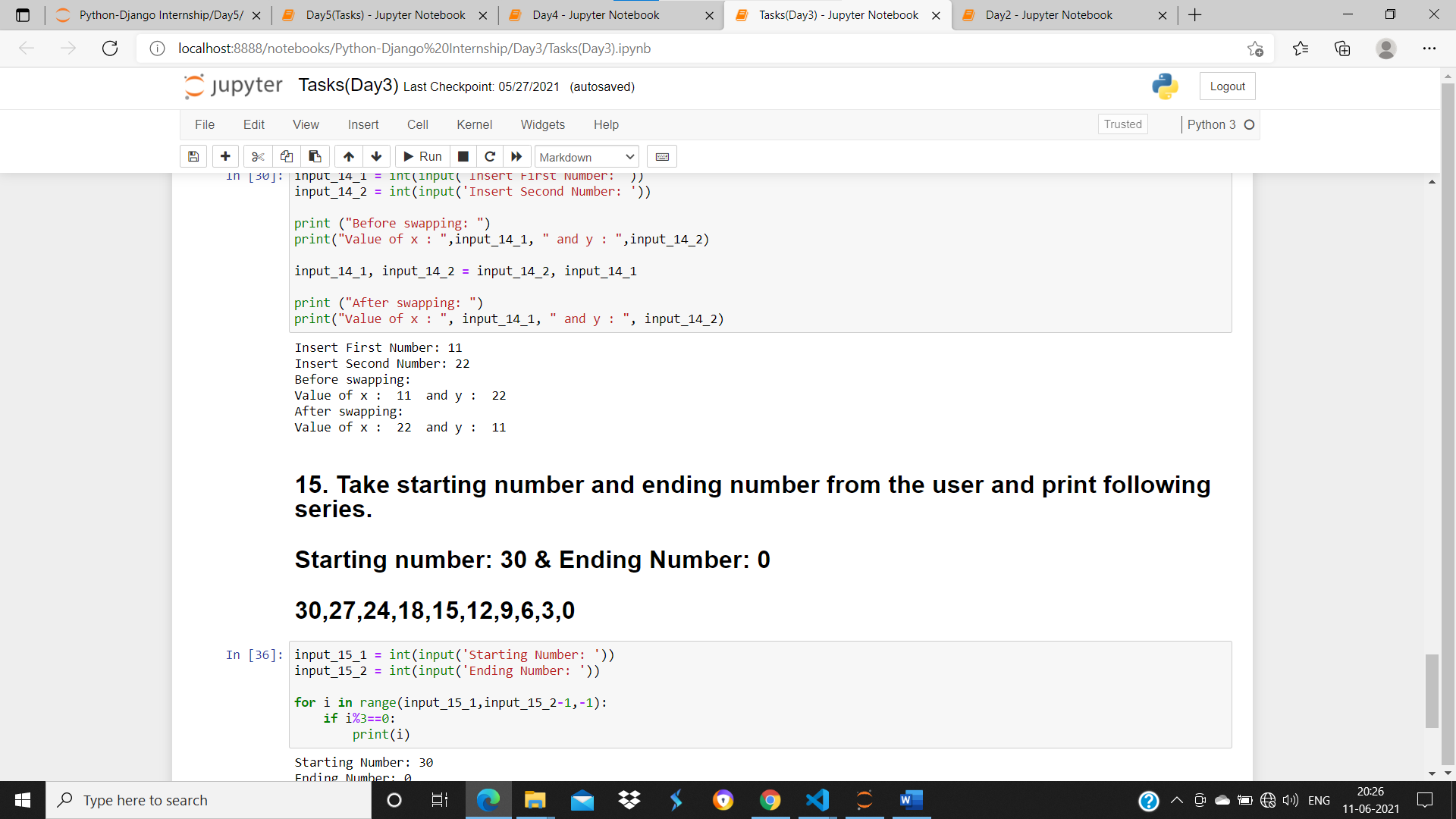




Day-3 (27/05/21):

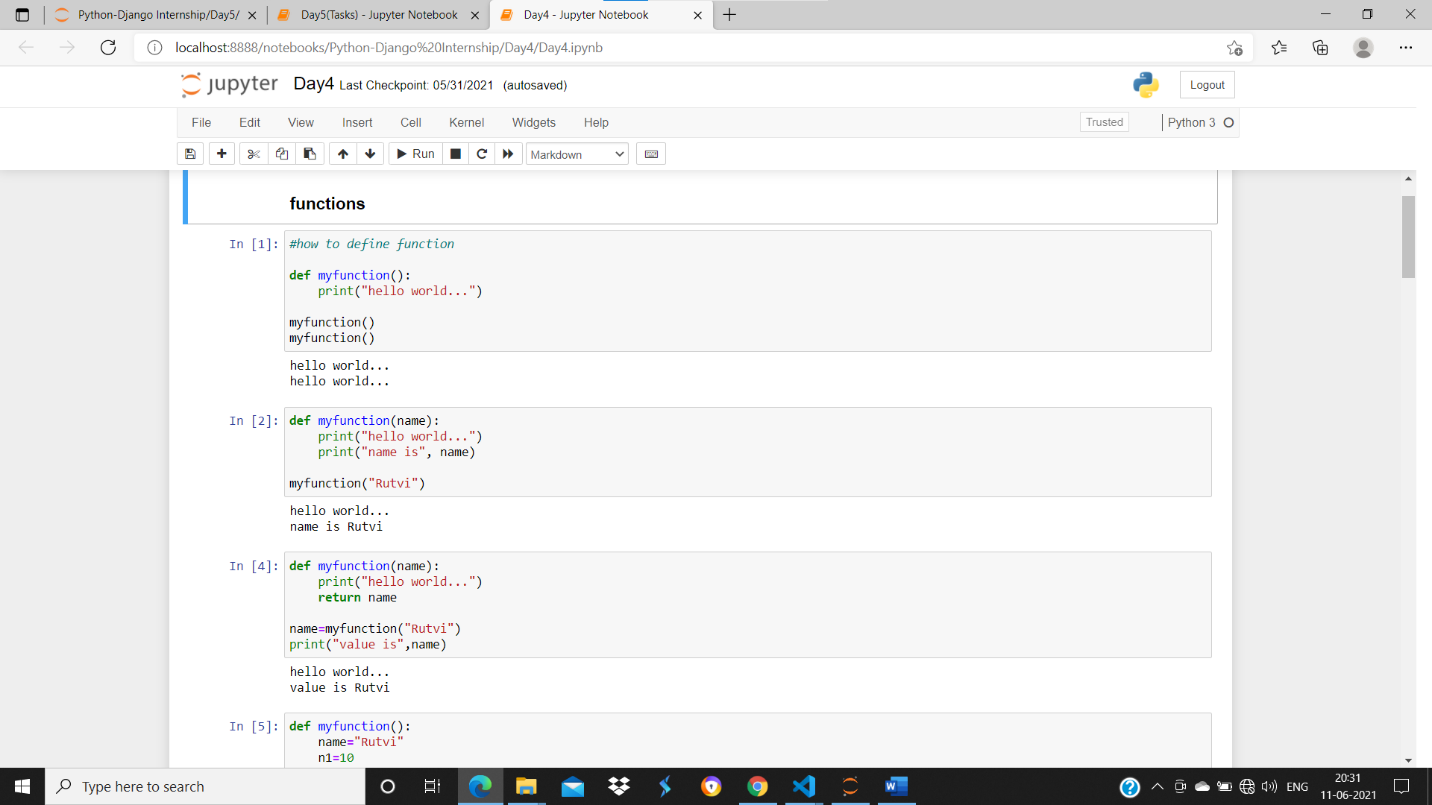
On the third day of the internship, Conditional statements, looping statements, Range function, Break and continue and pass statement was explained. Some basic level programs were given as a task at the end of the session.

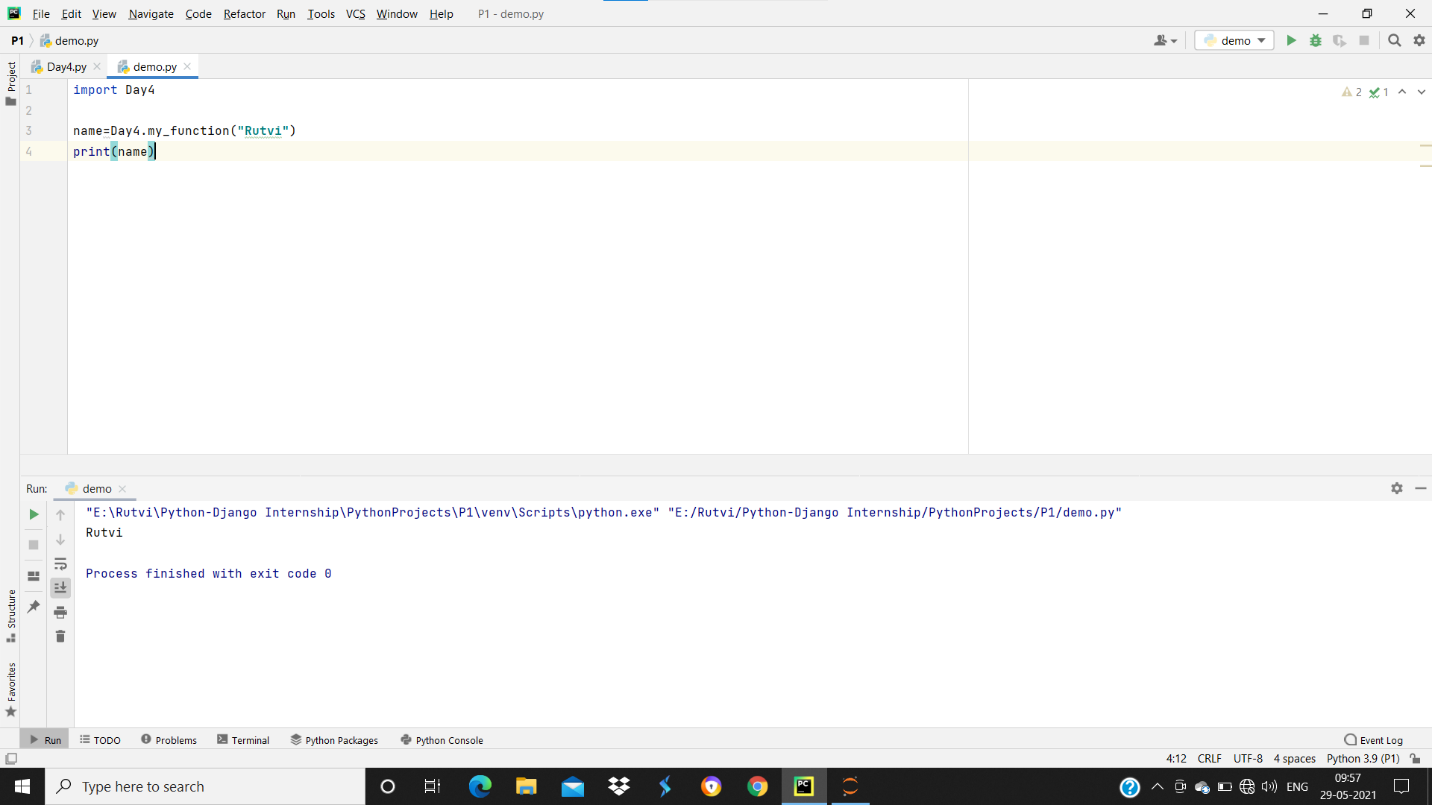




Day-4 (28/05/21):

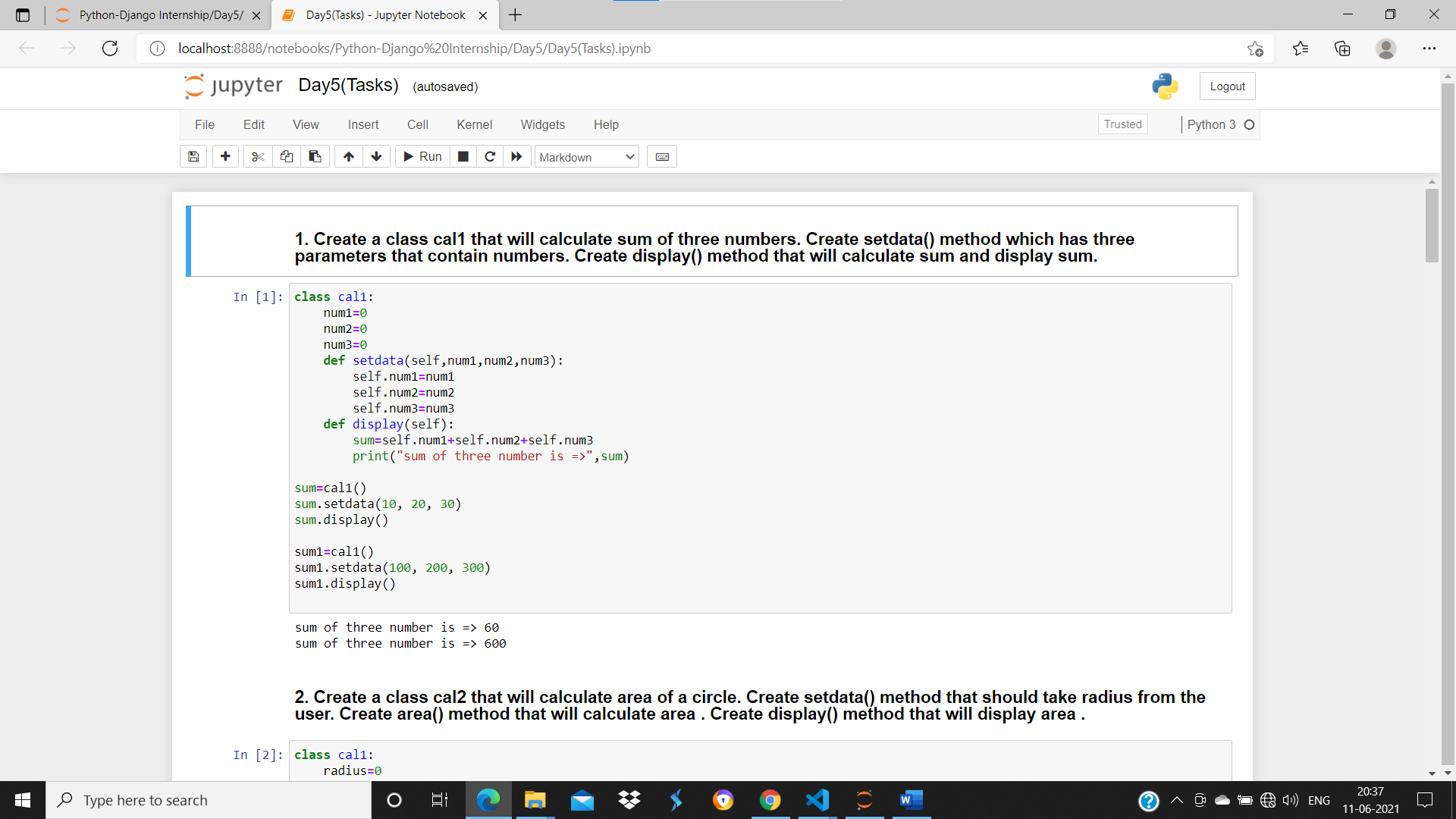
On the fourth day of the training, User Defined Functions, types of functional arguments and its implementation was demonstrated by the instructor.

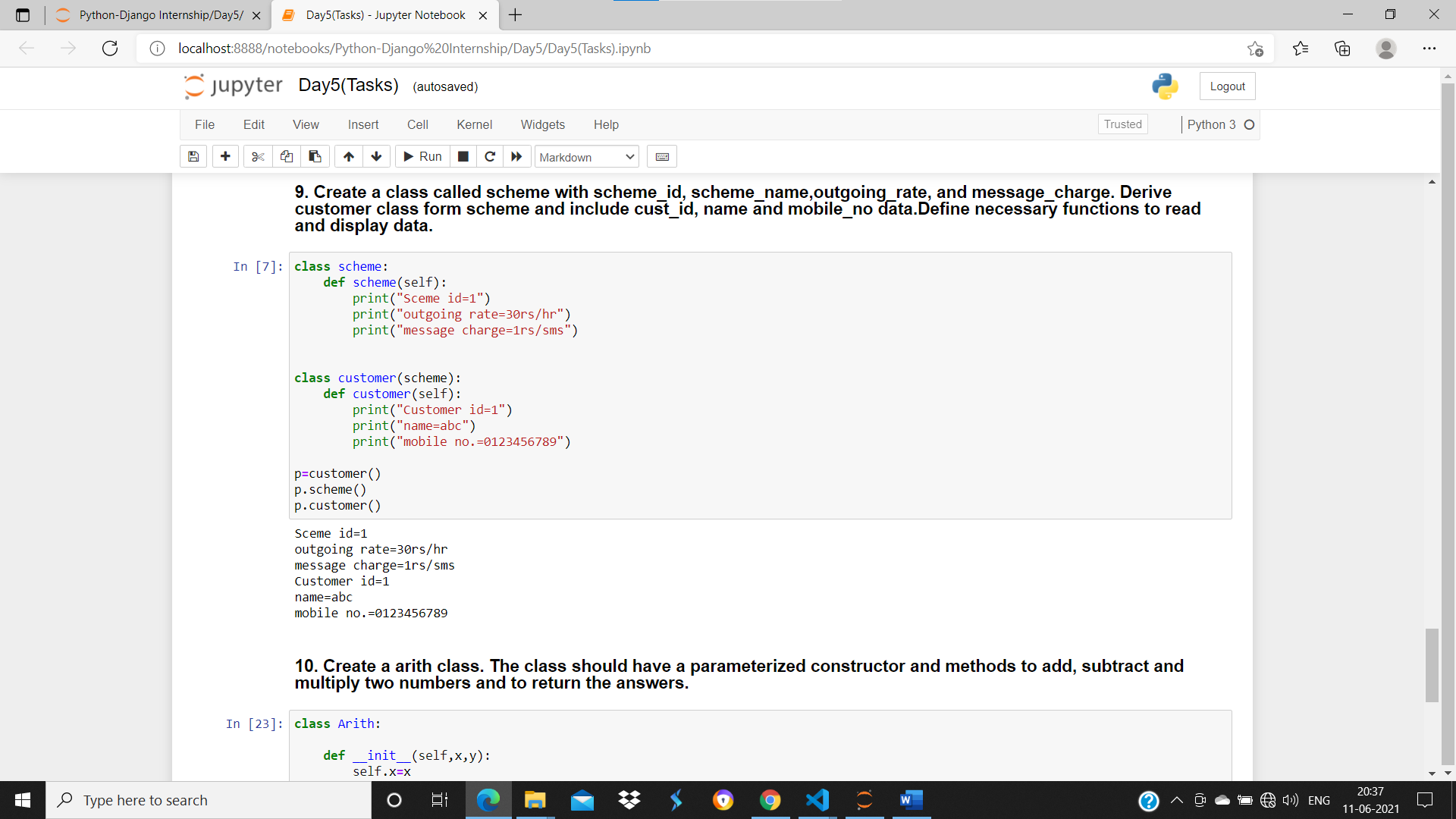




Day-5 (31/05/21):

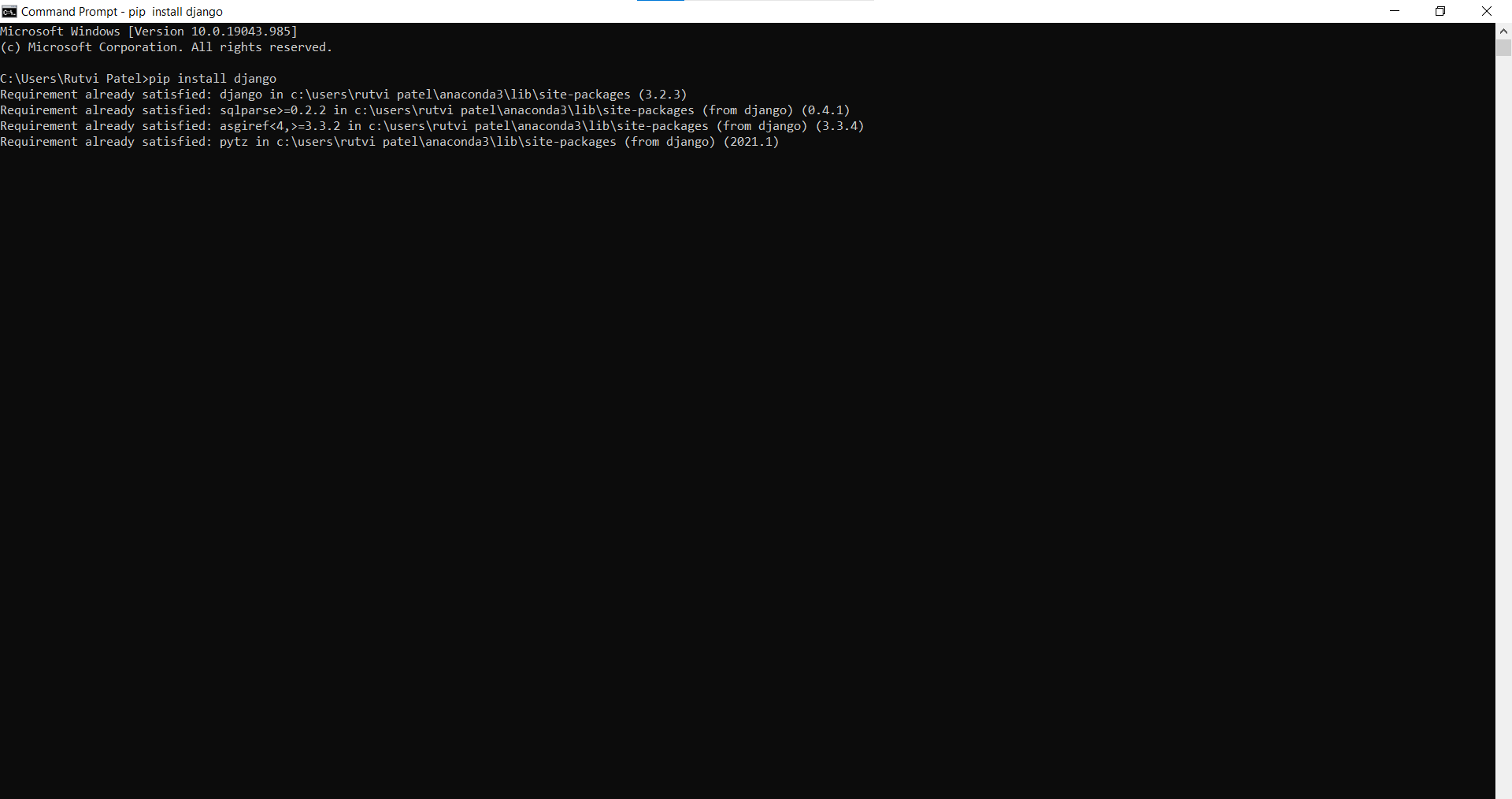
On the fifth day (last day) of the Python training, OOPs concepts such as methods, functions, constructors, different types of inheritance, overriding method and overloading method was explained.





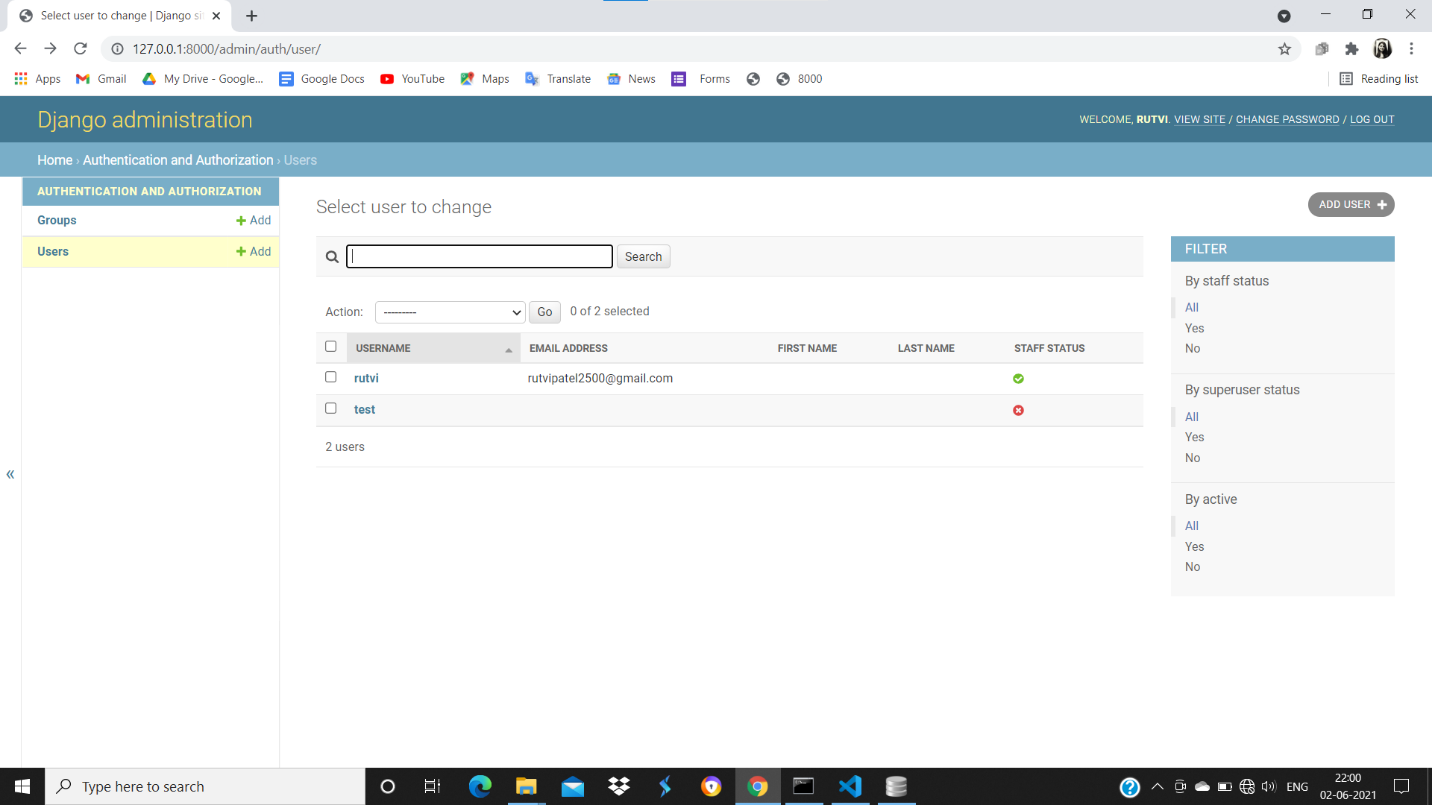
Day-6 (01/06/21):

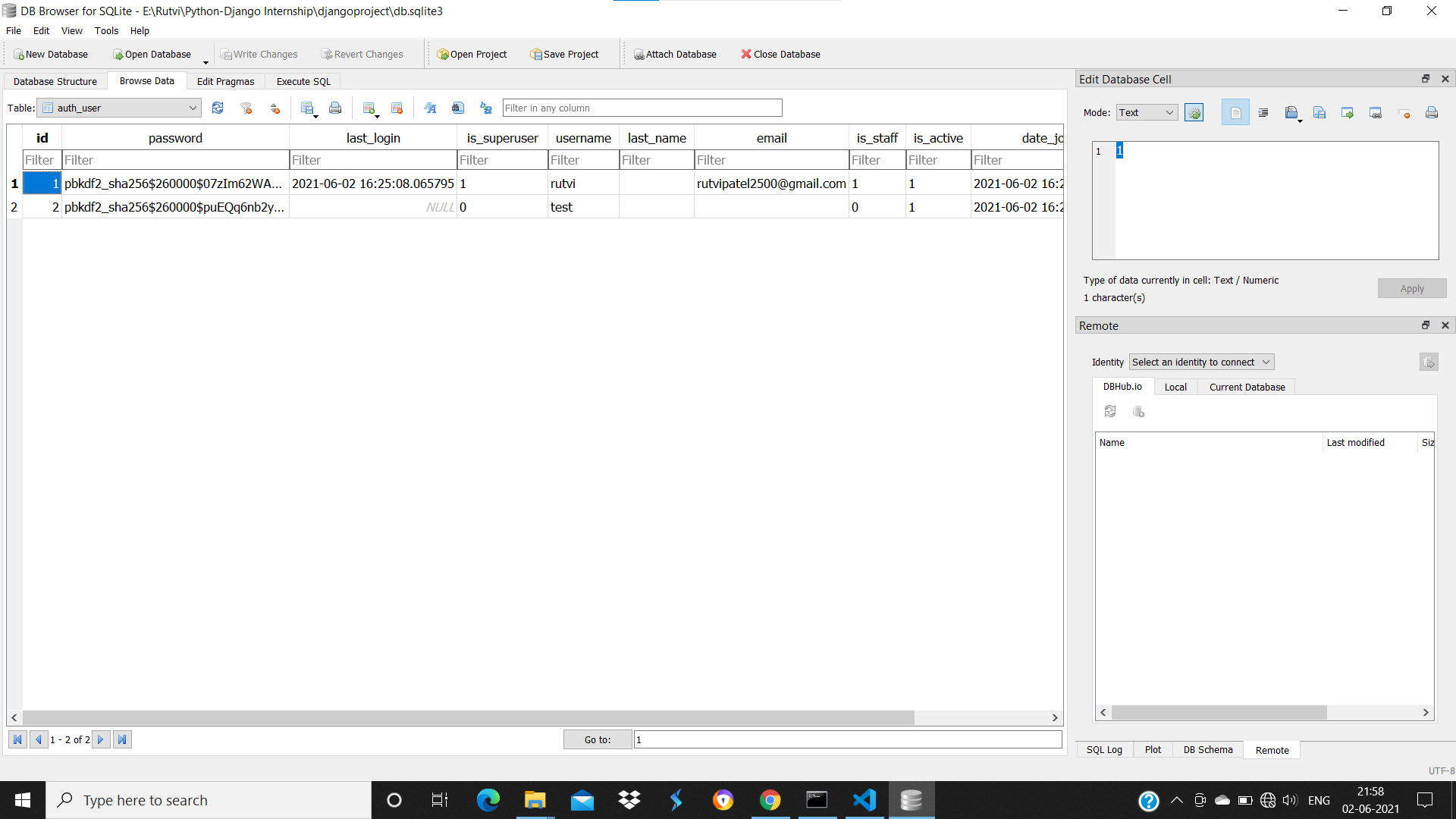
On the sixth day of the internship and first day of the Django training, the instructor had given the complete overview of Django, how to use it and how it can be implemented in numerous real-world projects.



Day-7 (02/06/21):

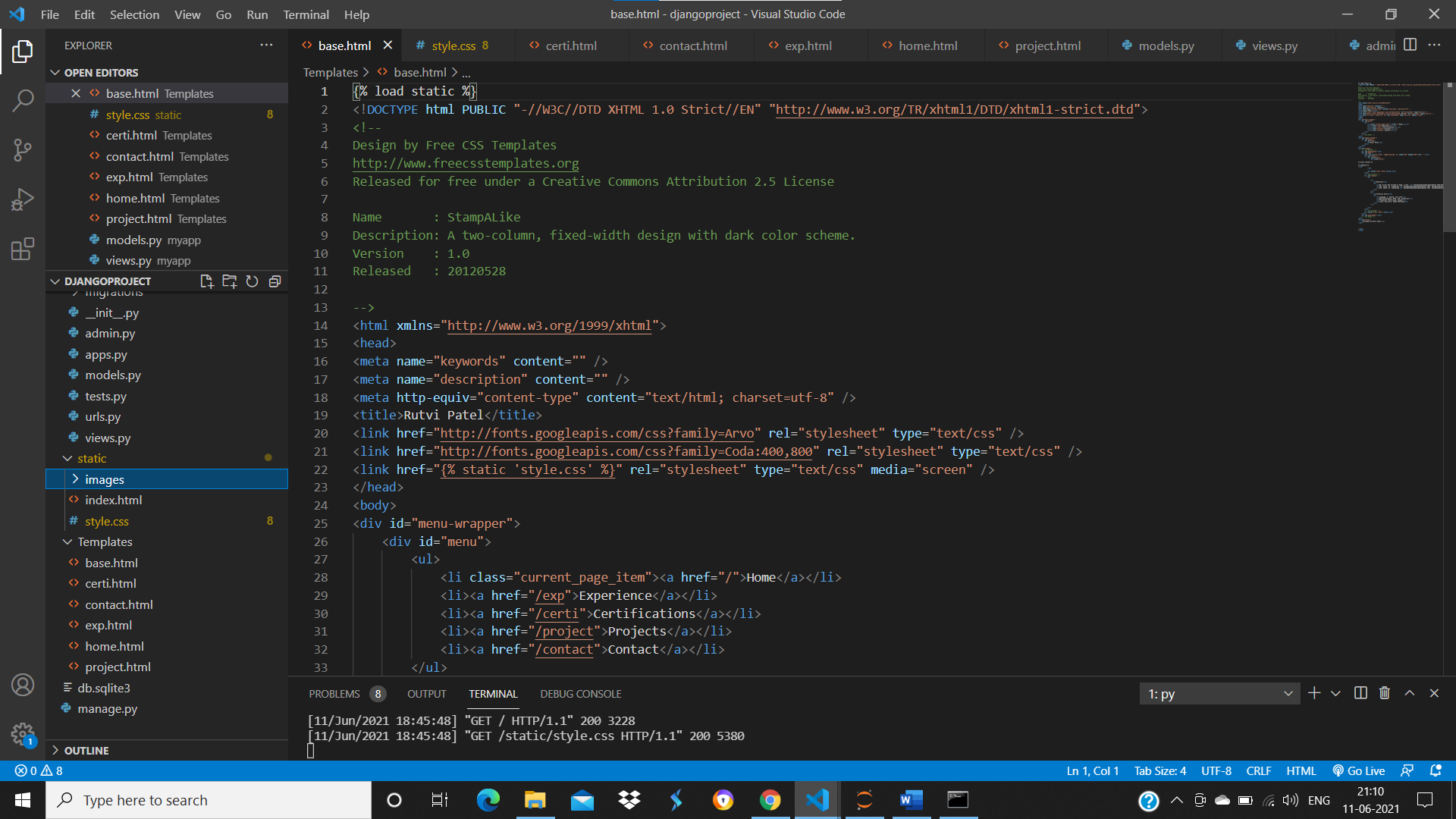
On the seventh day of the internship, the instructor had explained about how to create a new project and new application in Django, how to set URLs and how-to code. Along with this, he had discussed how to access database and Django administration panel.

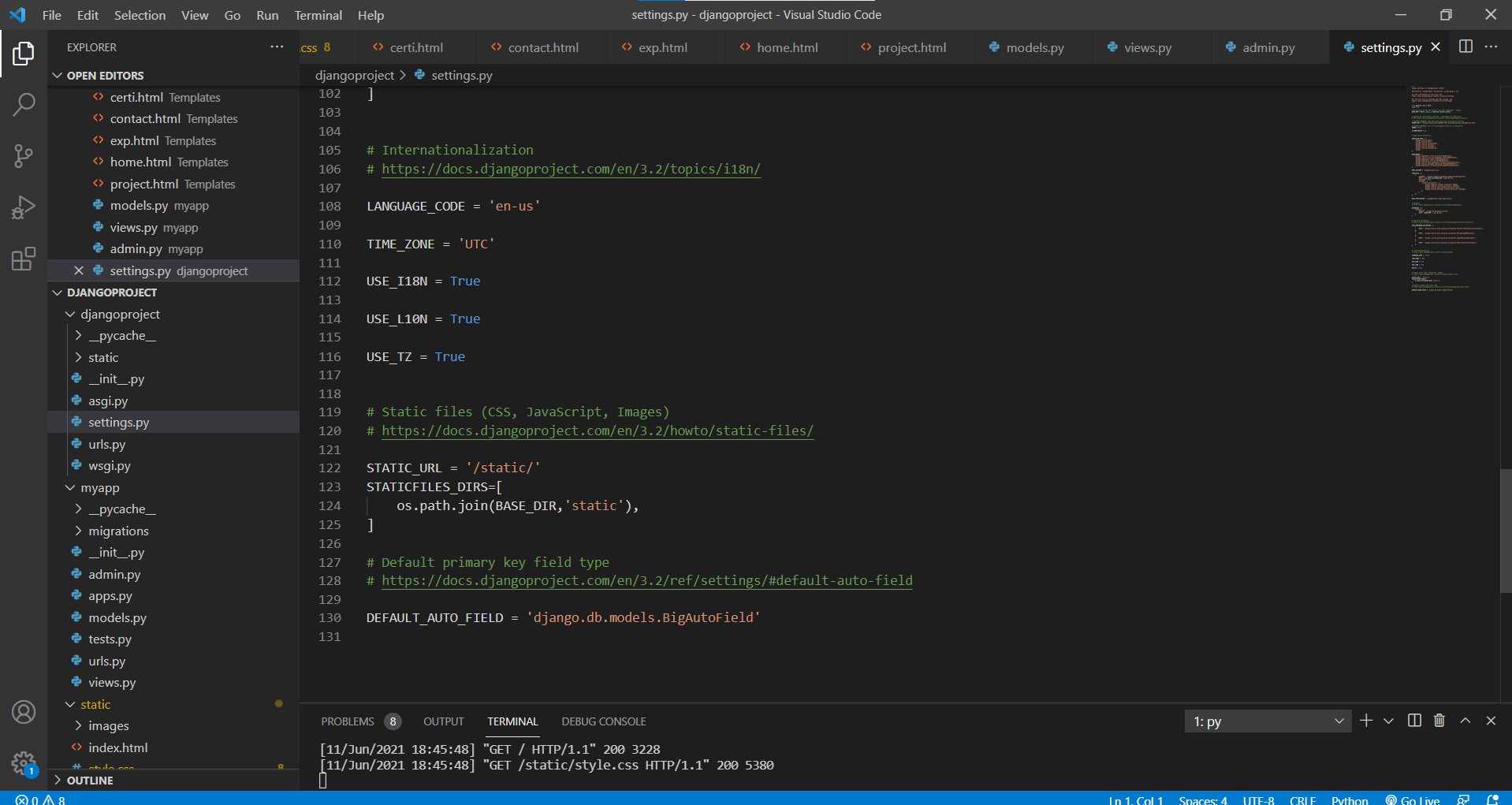




Day-8 (03/06/21):

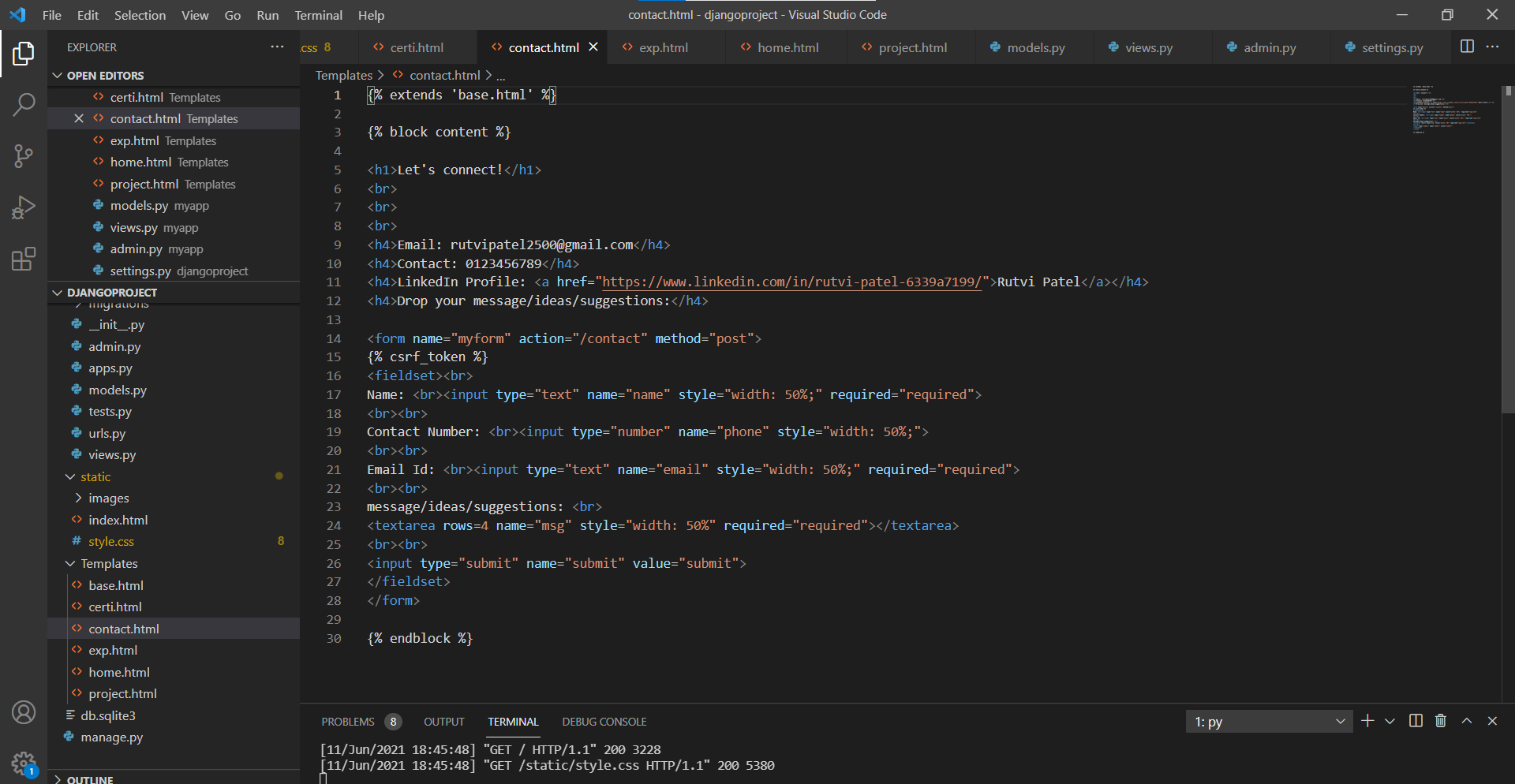
On the eight day of the internship, instructor had provided the complete explanation about how to load CSS theme in Django.





Day-9 (04/06/21):

On the eight day of the internship, instructor had explained about Form creation in Django and applying Get Post Methods on it.



Day-10 (07/06/21):

On the eight day of the internship, instructor had explained about the database connectivity using Django Admin Panel. Moreover, the project was given to all the students in order to evaluate the learning.

