

TRAINING – DJANGO, PYTHON & POSTGRESQL

I. PYTHON (to be completed by 9th July)

1. Python syntax, comments, variable, datatype, number, casting, string, Booleans, operations, list, Dictionaries. (To be completed by 7th of July)
2. Python if...else, while, for loop, function, lambda, Array, classes, object, inheritance, iteration, scope. (To be completed by 8th of July)
3. Python Dates, Math, JSON, RegEx, PiP, Try....except, user input, string formatting, File handling. (To be completed by 9^h of July)

Reference Material: <https://www.w3schools.com/python/>

II. DJANGO (to be completed by 20th July)

1. Rest, Django Rest, Software setup, Rest in action.
2. Functional based view, Functional based serializer.
3. Class based views, Mixins, Generic view, View sets.
4. Nested serializer, Pagination, Filtering, Security.
5. APIs, Validation and token auth.

Reference Material: <https://www.django-rest-framework.org/>

III. POSTGRESQL (to be completed by 25th July)

Reference Material

1. <https://www.tutorialspoint.com/postgresql/index.htm>
2. https://www.tutorialspoint.com/postgresql/postgresql_python.htm

IV. Review and Assessment (Every Saturday)

1. We will review the content you have gone through over internet
2. After completion of all courses will go through the coding test and API designing along with database

V. Live Project (to be completed by 13th Aug)

You will be assigned tasks from the live project to implement/improve the functionality.