

Week 1 -

Repo Structure:

Repo Name

- Development
- Basic Python Programs
- Logical Programs
- Functional Programs

1. Read about python and data structures in python
2. Read exception handling and apply it to the problems
3. Read about file handling, memory management and OOPs in python

Added : -----

Refactored : -----

<https://www.jetbrains.com/help/pycharm/using-file-and-code-templates.html#syntax>

Refer this link

"""

```
* author - ${USER}
* date - ${DATE}
* time - ${TIME}
* package - ${PACKAGE_NAME}
* Title -
```

"""

And add this format at the beginning of each file

follow this

<https://www.jetbrains.com/help/pycharm/creating-documentation-comments.html#5ab5b>

Python Concepts

<https://drive.google.com/drive/folders/1XxpjwBRoKIHRN8tVxXjn-J6xygf6q4aj?usp=sharing>

Python coding style -> <https://google.github.io/styleguide/pyguide.html>

Data Structures In Python:

- https://python.swaroopch.com/data_structures.html

Exception handling:

- https://www.datacamp.com/community/tutorials/exception-handling-python?utm_source=adwords_ppc&utm_campaignid=1455363063&utm_adgroupid=65083631748&utm_device=c&utm_keyword=&utm_matchtype=b&utm_network=g&utm_adposition=&utm_creative=332602034358&utm_targetid=dsa-429603003980&utm_loc_interest_ms=&utm_loc_physical_ms=1007788&gclid=EAlaIQobChMI_uud4ZK96wIVS6mWCh2DYAOzEAAYASA AEgJr5fD_BwE
- <https://realpython.com/python-exceptions/#:~:text=The%20try%20and%20except%20block%20in%20Python%20is%20used%20to,in%20the%20preceding%20try%20clause.>

Debugging:

- <https://www.youtube.com/watch?v=QJtWxm12Eo0>
- <https://docs.python.org/3/library/pdb.html>

OOP concepts:

- <https://realpython.com/python3-object-oriented-programming/>
- <https://www.edureka.co/blog/object-oriented-programming-python/#:~:text=What%20are%20Python%20OOPs%20Concepts,idea%20of%20classes%20and%20objects.>
- <https://www.programiz.com/python-programming/object-oriented-programming>

Week - 2

Connect MySQL DB to Pycharm:

- https://www.w3schools.com/python/python_mysql_getstarted.asp
- <https://dev.mysql.com/doc/connector-python/en/connector-python-example-connecting.html>

Data Types in MySQL:

- <https://dev.mysql.com/doc/refman/8.0/en/data-types.html>
- <https://www.tutorialspoint.com/mysql/mysql-data-types.htm>

CURD Operation:

- https://www.youtube.com/watch?v=Pu9XhFJduEw&ab_channel=ParwizForogh4

Study Joins in MySQL