

Exception

handling-2Assignment

Questions

Assignment

Q1. Explain why we have to use the Exception class while creating a Custom Exception.

Note: Here Exception class refers to the base class for all the exceptions.

Ans:- Because exception class is responsible and handle what we write inside our Custom Exception, And exception class use as inheritance, after in this inheritance own custom exception we write,

Explanation in ipynb file

Q2. Write a python program to print Python Exception Hierarchy.

Ans:- Explanation in ipynb file

Q3. What errors are defined in the ArithmeticError class? Explain any two with an example.

Ans:- Explanation in ipynb file.

Q4. Why LookupError class is used? Explain with an example KeyError and IndexError.

Ans:- LookupError exception class to handle both IndexError and KeyError exception classes.

LookupError exception in Python forms the base class for all exceptions that are raised when an index or a key is not found for a sequence or dictionary respectively

Q5. Explain ImportError. What is ModuleNotFoundError?

Ans:- In Python, ImportError occurs when the Python program tries to import module which does not exist in the private table

A ModuleNotFoundError is raised when Python cannot successfully import a module.

Q6. List down some best practices for exception handling in python.

Ans:- Explanation in ipynb file

Note: Create your assignment in Jupyter notebook and upload it to GitHub & share that GitHub repository link through your dashboard. Make sure the repository is public.

Data Science Masters