Python Assignment & Tutorial - V

Assignment Questions

1. Define any four types of errors and built-in exceptions in Python? Illustrate exception handling with a sample program.

2. How to create, raise and handle user-defined exceptions in Python? Illustrate with a Python program.

3. How can we write a single except block that can handle multiple exceptions and also all kinds of exceptions?

4. What are the different modes of opening a file in Python? Explain the Python 'open()' built-in function.

5. Explain file read methods read(), readline(), and readlines() with examples.

Tutorial Questions:

6. Can we implement multiple exception blocks in Python exception handling? Justify your answer.

7. Explain file write methods write() and writelines() with examples.

8. How do you manipulate a file pointer in Python using tell() and seek()? Explain with a sample program

9. Develop a program to read Config files in Python.

10. List and explain any three clean–up actions supported by Python.

List of Programs

1. Write a Python program to write the longest word in a file. Get the file name from the user
2. Develop a Python program to handle division by zero exception.
3. What are regular expressions? How to find whether an email id entered by user is valid or not using Python're' module.