

**Course:** Diploma in Computer Engg.

**Year/Sem:** IIIrd/Vlth

**Subject:** Programming with Python

**Code:** 22616

## **Chap 6: File I/O Handling & Exception Handling**

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1. What is I/O operation and how to read keyboard input and printing it to screen.  
Explain with example.
2. Explain file handling in detail.
3. Explain the concept of reading/writing files, closing file, renaming & deleting files with syntax and example.
4. How files can be opened in different modes & how its content can be accessed using standard library functions.
5. Explain Exception Handling in detail with syntax and example.
6. Explain try:except: & raise statement with syntax and example.
7. List and explain directories in python with example.
8. List & explain directory related standard function with syntax & example.
9. Explain the concept of user defined functions in detail with syntax & example.
10. Write python code to read data from the given file.
11. Write python code to write data to the given file.
12. Write the syntax of fopen?
13. Explain different modes of opening a file
14. Design a python program which will throw exception if the value entered by user is less than zero
15. Show how try...except blocks is used for exception handling in Python with example
16. Write a python program to read contents of first.txt file and write same content in second.txt file
17. Describe various modes of file object? Explain any two in detail
18. Write steps involved in creation of a user defined exception?
19. Write a Python program to Check for ZeroDivisionError Exception.
20. Write a Python program to create user defined exception that will check whether the password is correct or not