

Assignment - 6 (Datetime, OS Module, File and Exception Handling)

1. Write a Python program to read an entire text file
2. Write a Python program to read the first n lines of a file
3. Write a Python program to append text to a file and display the text
4. Write a Python program to read the last n lines of a file
5. Write a Python program to read a file line by line and store it into a list
6. Write a Python program to count the number of lines in a text file
7. Write a Python program to count the frequency of words in a file
8. Write a Python program to copy the contents of a file to another file
9. Write a Python script to display the various Date Time formats - Go to the editor
 - a) Current date and time
 - b) Current year
 - c) Month of year
 - d) Week number of the year
 - e) Weekday of the week
 - f) Day of year
 - g) Day of the month
 - h) Day of week
10. Write a Python program to determine whether a given year is a leap year
11. Write a Python program to convert a string to datetime. Go to the editor
 - Sample String : Jan 1 2014 2:43PM
 - Expected Output : 2014-07-01 14:43:00
12. Write a Python program to subtract five days from current date
13. Write a Python program to print yesterday, today, tomorrow
14. Write a Python program to print next 5 days starting from today
15. Write a Python program to drop microseconds from DateTime
16. Write a Python program to find the date of the first Monday of a given week
17. Write a Python program to select all the Sundays of a specified year
18. Write a Python program to create a file and write some text and rename the file name

19. What are different methods available in the OS module for creating a directory?
20. Explain os.listdir() method.
21. What are different methods for removing directories and files in Python?
22. What are exceptions in Python?
23. What are Built-in exceptions?
24. What are User-defined Exceptions?
25. When would you not use try-except?
26. Can try-except catch the error if a file can't be opened?