

Local time: 2018-12-20 13:10:44.260462

America/New_York time: 2018-12-20 13:10:44.260462

Europe/London time: 2018-12-20 13:10:44.260462

Here, `datetime_NY` and `datetime_London` are `datetime` objects containing the current date and time of their respective timezone.

Lab Assignments

SET A

1. Write a Python program to read an entire text file.
2. Write a Python program to compute the number of characters, words and lines in a file.
3. Write a Python script to print the current date in following format "Sun May 29 02:26:23 IST 2017"

SET B

1. Write a Python program to append text to a file and display the text.
2. Write a Python program to print each line of a file in reverse order.
3. Write a Python program to print date, time for today and now.

PROGRAMS FOR PRACTICE:

1. Write a Python program to read an entire text file.
2. Write a Python program to read 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 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 read a file line by line store it into a variable.
7. Write a Python program to read a file line by line store it into an array.
8. Write a python program to find the longest words.
9. Write a Python program to count the number of lines in a text file.
10. Write a Python program to count the frequency of words in a file.
11. Write a Python program to get the file size of a plain file.
12. Write a Python program to write a list to a file.
13. Write a Python program to copy the contents of a file to another file .
14. Write a Python program to combine each line from first file with the corresponding line in second file.
15. Write a Python program to remove newline characters from a file.