1. Create a program to demonstrate global and local scopes.
2. Write a Python program to sort a list of tuples using Lambda.

Original list of tuples:

[('English', 88), ('Science', 90), ('Maths', 97), ('Social sciences', 82)]

Sorting the List of Tuples:

[('Social sciences', 82), ('English', 88), ('Science', 90), ('Maths', 97)]

1. Write a Python program to count the even and odd numbers in a given array of integers using Lambda.

Original arrays: [1, 2, 3, 5, 7, 8, 9, 10]

Output:  
Number of even numbers in the above array: 3  
Number of odd numbers in the above array: 5

1. Create a file named “my\_text.txt” and add some random text into it. Now read that file using python
2. Write your name, age, sex into the file named my\_text.txt
3. Extract the emails from the emails.txt document: <https://github.com/tejas05in/python_ml_ds/blob/1677a1647c291235115738122e721af8450bdb61/emails.txt> using python