
CS-594: Python Laboratory

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Topic - File Handling,OOPs-1

Assignment Questions Related to File Handling

1. Write a Python program to read an entire text file
2. Write a Python program to count the frequency of words in a file
3. Write a Python program to combine each line from first file with the corresponding line in second file.
4. Write a Python program to copy the contents of a file to another file .
5. Write a Python program to generate 26 text files named A.txt, B.txt, and so on up to Z.txt.
6. Write a Python program that takes a text file as input and returns the number of words of a given text file. Note: Some words can be separated by a comma with no space.

NOTE: Take test.txt file in your current directory and input in test.txt is :

Welcome to Python Programming LAB.

Ajay and Vasanth are Good Friends.

Paras and Utkarsh are Partners in Speech Lab.

Assignment Questions Related OOPs-1

Given a deck of cards, the task is to distribute them between two players.

Approach:

To shuffle the deck of cards we need to use the shuffle module.

Import the required module

Declare a class named Cards which will have variables suites and values, now instead of using self.suites and self.values, we are going to declare them as global variables.

Declare a class Deck which will have an empty list named as mycardset, and the suites and values will be appended to mycardset list.

Declare a class ShuffleCards along with a method named shuffle() that would check the number of cards and then shuffles them.

To remove some cards we will create a popCard() method in ShuffleCards class.