

1. Write a menu-driven program implementing user-defined functions to perform different functions on a csv file "student" such as:

- (a) Write a single record to csv.
- (b) Write all the records in one single go onto the csv.
- (c) Display the contents of the csv file.

2.

What is the advantage of using a csv file for permanent storage?
Write a Program in Python that defines and calls the following user defined functions:

- (i) ADD() - To accept and add data of an employee to a CSV file 'record.csv'. Each record consists of a list with field elements as `empid`, `name` and `mobile` to store employee id, employee name and employee salary respectively.
- (ii) COUNTR() - To count the number of records present in the CSV file named 'record.csv'.

3.

Give any one point of difference between a binary file and a csv file.
Write a Program in Python that defines and calls the following user defined functions:

- (i) add() - To accept and add data of an employee to a CSV file 'furdata.csv'. Each record consists of a list with field elements as `fid`, `fname` and `fprice` to store furniture id, furniture name and furniture price respectively.
- (ii) search()- To display the records of the furniture whose price is more than 10000.

4.

What is the benefit of using "with open()" method over "open()" method while opening a file? Write a program in Python that defines and calls the following user-defined functions:

(i) Add_Item() – To accept and add data of stationery items to a CSV file 'Stationery.csv'. Each record consists of a list with field elements as Item_Id, Item_name and Item_price to store item id, item_name and item_price.

(ii) Count() – To count the total number of stationery items in the CSV file.

5.

Write a program to count the number of records present in "data.csv" file.