CO5 PROGRAMS

3. Write a Python program to read each row from a given csv file and print a list of strings.

import csv  
filename = "username.csv"  
rows = []  
cf=open(filename, 'r')  
csvreader = csv.reader(cf)  
for r in csvreader:  
  rows.append(r)  
print(rows)  
cf.close()

OUTPUT

[['Username; Identifier;Firstname;Lastname'], ['booker12;9012;Rachel;Booker'], ['grey07;2070;Laura;Grey'], ['johnson81;4081;Craig;Johnson'], ['jenkins46;9346;Mary;Jenkins'], ['smith79;5079;Jamie;Smith']]

4. Write a Python program to read specific columns of a given CSV file and print the content of the columns.

import csv  
filename = "emp.txt"  
fields = []  
rows = []  
cf=open(filename, 'r')  
csvreader = csv.DictReader(cf)  
for r in csvreader:

  print(dict(r))

OUTPUT

{'name': 'John Smith', 'department': 'Accounting', 'birthday month': 'November'}  
{'name': 'Erica Meyers', 'department': 'IT', 'birthday month': 'March'}

5. Write a Python program to write a Python dictionary to a csv file. After writing the CSV fileread the CSV file and display the content.

import csv  
   
field\_names = ['No', 'Company', 'Car Model']  
   
cars = [  
{'No': 1, 'Company': 'Ferrari', 'Car Model': '488 GTB'},  
{'No': 2, 'Company': 'Porsche', 'Car Model': '918 Spyder'},  
{'No': 3, 'Company': 'Bugatti', 'Car Model': 'La Voiture Noire'},  
{'No': 4, 'Company': 'Rolls Royce', 'Car Model': 'Phantom'},  
{'No': 5, 'Company': 'BMW', 'Car Model': 'BMW X7'},  
]  
   
with open('Names1.csv', 'w') as csvfile:  
    writer = csv.DictWriter(csvfile, fieldnames = field\_names)  
    writer.writeheader()  
    writer.writerows(cars)  
  
filename = "names1.csv"  
  
cf=open("names1.csv", 'r')  
rows=[]    
csvreader = csv.reader(cf)  
for r in csvreader:  
  rows.append(r)  
for r in rows:

      print(\*r)

OUTPUT

No Company Car Model  
  
1 Ferrari 488 GTB  
  
2 Porsche 918 Spyder  
  
3 Bugatti La Voiture Noire  
  
4 Rolls Royce Phantom  
  
5 BMW BMW X7