FIRST SEMESTER MCA (2020 SCHEME) PRACTICAL EXAMINATION

JUNE – JULY 2021

20MCA131 PROGRAMMING LAB

SET C   Reg No: ICE20MCA-2014

Program No. 1

Occurance of word in a line.py - C:/Users/HP/Desktop/Occurance of word in a line.py (3.9.1)

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```python
line=input("Enter the line:")
counts={}
sentence=line.split()
for word in sentence:
        if word in counts:
            counts[word]+=1
        else:
            counts[word]=1
for k,v in counts.items():
    print(k,v)
```

Output

IDLE Shell 3.9.1

File Edit Shell Debug Options Window Help

```
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec  7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
================================================================ RESTART: C:/Users/HP/Desktop/Occurance of word in a line.py
Enter the line:python programming is simple and python programming is fun
python 2
programming 2
is 2
simple 1
and 1
fun 1
>>>
```

Program No. 2

CSVFile.py - C:/Users/HP/Desktop/CSVFile.py (3.9.1)

File Edit Format Run Options Window Help

```python
import csv
with open('Friends.csv',newline='')as csvfile:
    data=csv.DictReader(csvfile)
    print("Sl no. Friends")
    print("_____")
    for i in data:
        print(i['Sl no.'],i['Friends'])
```

Friends.csv

Sl no.	Friends
1	Trixie
2	John
3	Paul
4	Smith
5	Cole
6	Decker
7	Anna
8	Kate
9	Lilly
10	Peter

Output

IDLE Shell 3.9.1

File Edit Shell Debug Options Window Help

```
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec  7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==================== RESTART: C:/Users/HP/Desktop/CSVFile.py ==================
Sl no. Friends
_____
1 Trixie
2 John
3 Paul
4 Smith
5 Cole
6 Decker
7 Anna
8 Kate
9 Lilly
10 Peter
>>>
```