set c

FIRST SEMESTER MCA (2020 SCHEME)

Pratical Examination June - 2021

20MCA131 PROGRAMMING LAB

DATE: 02/07/2021   TIME: 9:30 Am - 12:30 pm

Submitted by

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Batch : A

1. Count the occurrence of each word in a cone of text.

2. Write a python program to read specific columns of a given CSV File and print the content of the columns.

Answered

1. Algorithm

Step 1: Start

Step2 : read the line of text as line.

Step3 : Set count as 0.

Step4 : Call the split function to sentence.

Step 5 : Repeat step 6 to step 8 until word in sentence.

Step 6 : check if word is in count. then,

Step7 : Increment count [word] by 1

Step8 : else set count [word] as 1

Step9 : Repeat step 10 until K.V in count. Item.

Step 10: Display K, V

Step 11: Stop.

Program code

```
line = input ("Enter a Line:")
count = {}
Sentence = line.split ()
   For word in Sentence:
       If word in count:
            count[word] += 1
       else:
            count[word] = 1
   For k,v in count.items():
          Print (k,v)
```

Output

Enter a Line : India is my country

India 1

is 1

my 1

country 1

2.

Algorithm

Step 1 : Start

Step 2 : Import csv file

Step 3 : open the csv file.

Step 4 : call the DictReaders function to the variable

Step 5 : print "empno and empname".

Step 6 : Repeat Step 7 until row in data

Step 7 : Display row [empno], row [empname].

Step 8 : Stop.

Program code :-

```
import csv
with open ('Employee1.csv'. newline="") as csvFile1:
    data = csv.DictReader (csvFile1)
    print ("empno empname")
    print ("........")
    for row in data:
        print (row['empno'], row['empname'])
```

output

empno	empname
1.	anu
2.	anjana
3.	arun
4.	ammu
5.	anjun
6.	manu
7.	kiran
8.	appu
9.	anjaly
10.	kavya

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