

PROGRAM 1:

Count the occurrences of each word in a line of text.

PROGRAMCODE:



The screenshot shows a Python IDE window titled "readword.py - C:\Users\ACER\Documents\1st sem lab\readword.py (3.9.6)". The window contains the following Python 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)
```

The code prompts the user to enter a line of text, splits it into words, and then counts the occurrences of each word. The results are printed as key-value pairs.

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)]
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\User\Desktop\python new\count.py =====
enter the line : india is my country
india 1
is 1
my 1
country 1
>>>
```

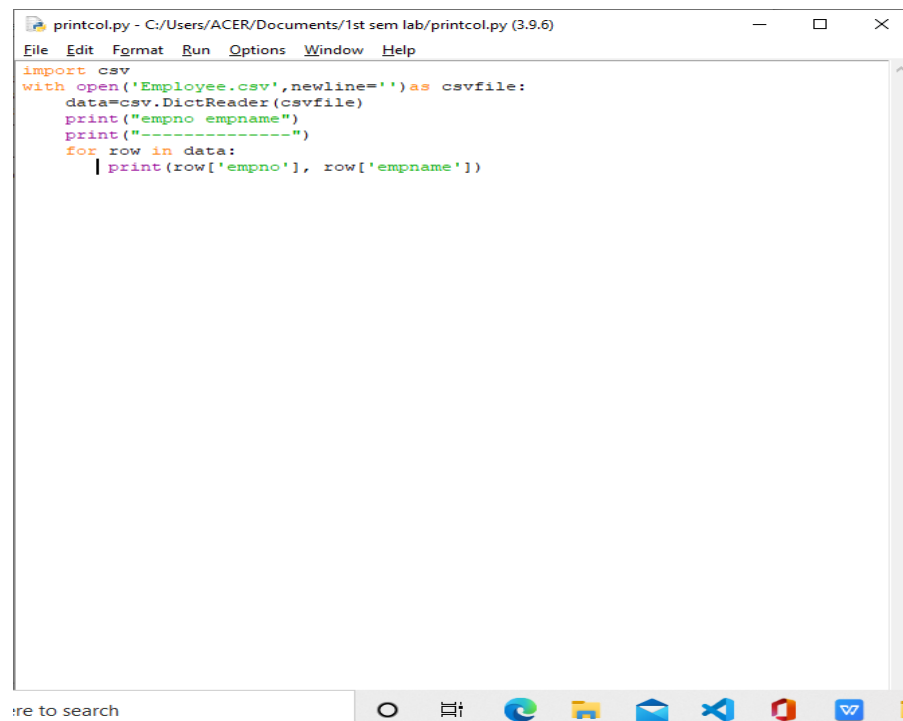
Activate Windows
Go to Settings to activate Windows.

Ln: 8 Col: 0

PROGRAM 2:

Write a python program to read specific columns of a given csv file and print the content of the columns.

PROGRAMCODE:



The screenshot shows a Python IDE window titled "printcol.py - C:/Users/ACER/Documents/1st sem lab/printcol.py (3.9.6)". The window contains the following Python code:

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

The code is written in a multi-line editor with syntax highlighting. The window has a menu bar with "File", "Edit", "Format", "Run", "Options", "Window", and "Help". The status bar at the bottom shows "re to search" and a taskbar with various application icons.

OUTPUT:

Program and output 02-07-2021

```
File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:11e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: F:\EXTRA\Python\employee.py =====
empno empname
-----
1 anu
2 anjana
3 arun
4 ammu
5 arjun
6 manu
7 kiran
8 appu
9 anjali
10 kavya
>>> |
```