Summer 2024: CS5720

Neural Networks & Deep Learning

ICP-2

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GitHub Link: https://github.com/SnehanReddy2320/NNassignment2.git

1. Write a program that takes two strings from the user: first_name, last_name. Pass these variables to the fullname function that should return the (full name).
    a. For example: ▪ First_name = “your first name”, last_name = “your last name” ▪ Full_name = “your full name”

```
first_name = (input("Your first name"))
last_name = (input("your last name "))
full_name = print(first_name + last_name)
```

```
Your first nameSnehan reddy
your last name Marri
Snehan reddyMarri
```

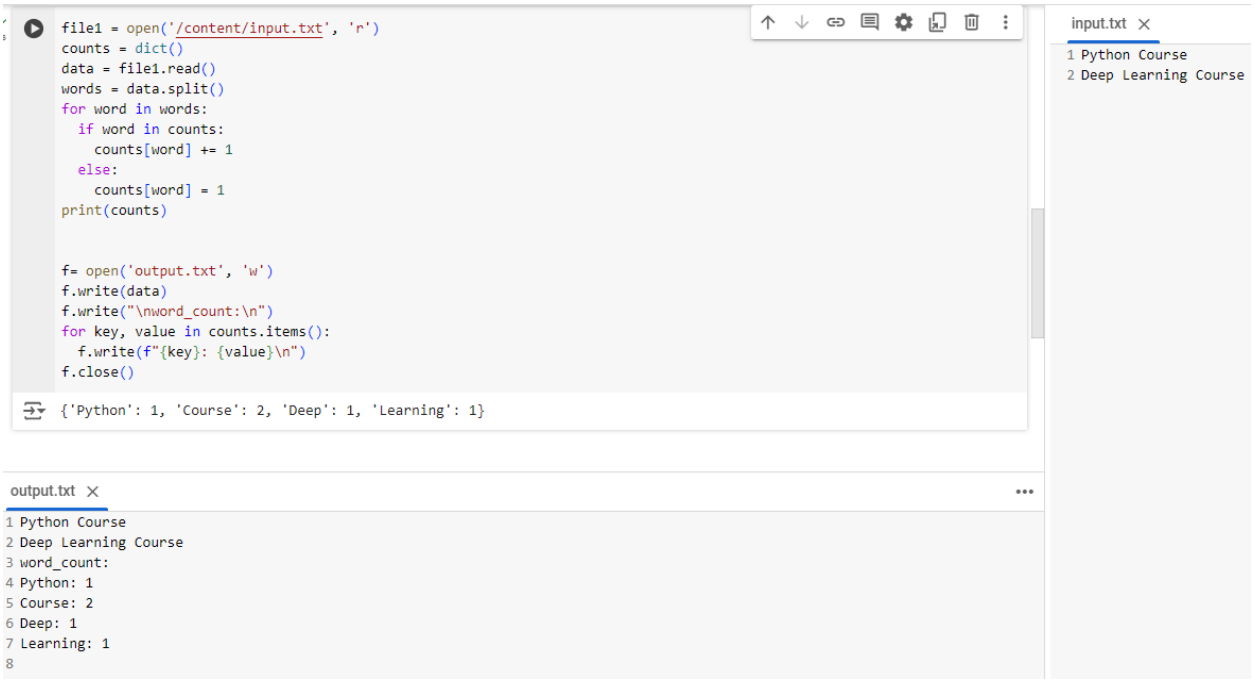
    b. Write a function named “string_alternative” that returns every other char in the full_name string. Str = “Good evening”

    Output: Go vnn

```
def string_alternative(full_name):
    return full_name[::2]
result = string_alternative("Good evening")
print(result)
```

```
Go vnn
```

2. Write a python program to find the word count in a file (input.txt) for each line and then print the output. o Finally store the output in the output.txt file.



3. Write a program, which reads heights (inches.) of customers into a list and convert these heights to centimeters in a separate list using: 1) Nested Interactive loop. 2) List comprehensions

```
[11] L1 = list(map(float,input().split()))
     L2=[]
     for x in L1:
       x=x*2.54
       L2.append(x)
     print(L2)

     150
     [381.0]
```

```
[12] L1=list(map(float,input().split()))
     L2=[x*2.54 for x in L1]
     print(L2)

     150 155 145 148
     [381.0, 393.7, 368.3, 375.92]
```