

#700758358

Akshith Reddy Sunka

Video link:

<https://drive.google.com/file/d/1JPtQTfHefhfxjy5T3egftlSlf5TGEZb8/view?t=8s>

Github link: <https://github.com/sunkaakshith/700758358>

1. Write a program that takes two strings from the user: first\_name, last\_name. Pass these variables to fullname function that should return the (full name).

For example: ▪ First\_name = "your first name", last\_name = "your last name" ▪ Full\_name = "your full name"



The screenshot shows a code editor with a file named 700758358. The code is as follows:

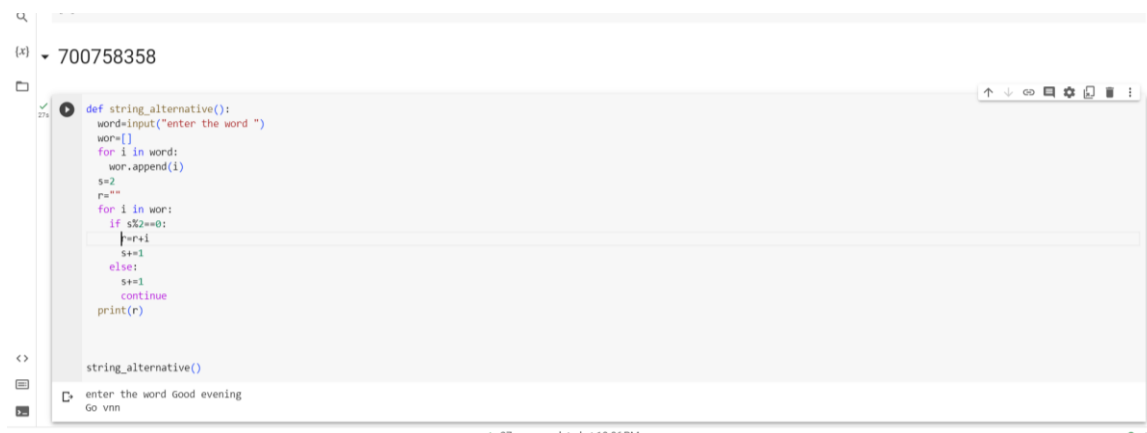
```
a=input("enter first name")
b=input("enter last name")
full=a+" "+b
print(full)
```

The output of the program is shown in the console:

```
enter first nameAkshith Reddy
enter last nameSunka
Akshith Reddy Sunka
```

Write function named "string\_alternative" that returns every other char in the full\_name string. Str = "Good evening"

Output: Go vnn



The screenshot shows a code editor with a file named 700758358. The code is as follows:

```
def string_alternative():
    word=input("enter the word ")
    wor=[]
    for i in word:
        wor.append(i)
    s=2
    r=""
    for i in wor:
        if s%2==0:
            r=r+i
            s=s+1
        else:
            s=s+1
            continue
    print(r)

string_alternative()
```

The output of the function is shown in the console:

```
enter the word Good evening
Go vnn
```

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

Example:

Input: a file includes two lines:

Python Course

Deep Learning Course

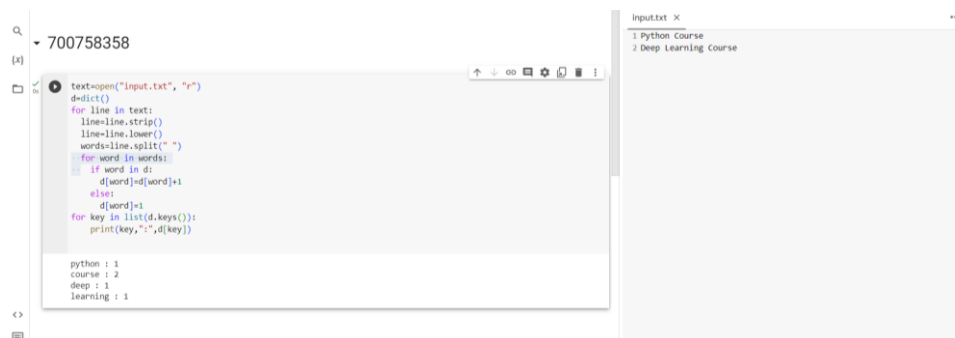
Output: Word\_Count:

Python: 1

Course: 2

Deep: 1

Learning: 1



The screenshot shows a code editor with a Python program on the left and its output on the right. The program reads 'input.txt', processes each line by stripping whitespace and converting to lowercase, then counts the frequency of each word. The output is printed as 'word : count' for each word found.

```
text=open("input.txt", "r")
d=dict()
for line in text:
    line=line.strip()
    line=line.lower()
    words=line.split(" ")
    for word in words:
        if word in d:
            d[word]=d[word]+1
        else:
            d[word]=1
for key in list(d.keys()):
    print(key," :",d[key])
```

python : 1  
course : 2  
deep : 1  
learning : 1

input.txt X

```
1 Python Course
2 Deep Learning Course
```