

ASSIGNMENT 3 – PROGRAM WITH STRINGS

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A12. Write a program to count number of words in a sentence.

```
# Write a program to count number of words in a sentence.
s = input("Enter a sentence: ")
count = 0
for word in s.split(sep=" "):
    count = count + 1

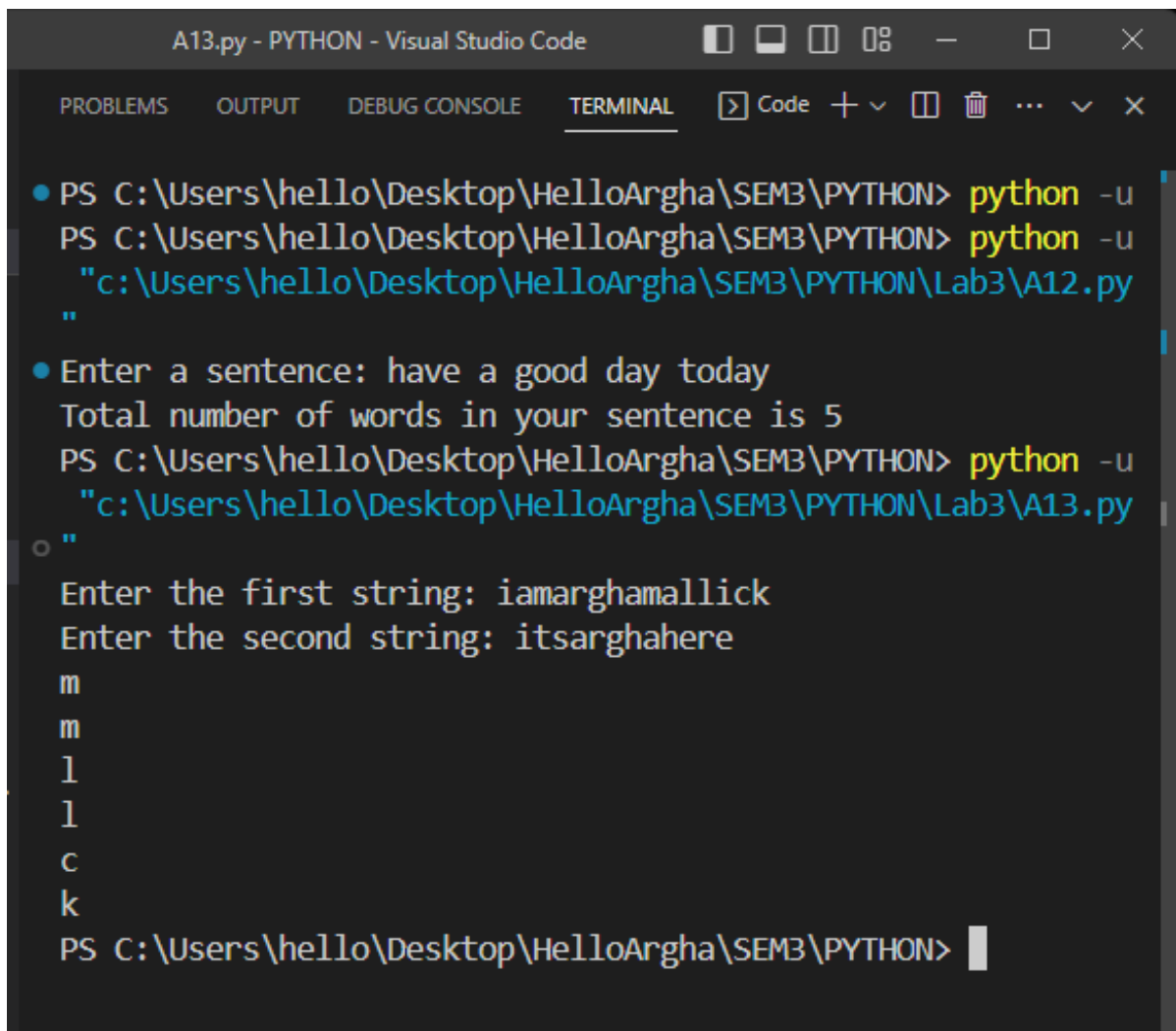
print("Total number of words in your sentence is", count)
```

A13. The program takes two strings and displays which letters are in the first string but not in the second string.

```
# The program takes two strings and displays which letters are in the first string but not in the second string.

s1 = input("Enter the first string: ")
s2 = input("Enter the second string: ")
for letter in s1:
    if letter not in s2:
        print(letter)
```

OUTPUT



```
A13.py - PYTHON - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\hello\Desktop\HelloArgha\SEM3\PYTHON> python -u
PS C:\Users\hello\Desktop\HelloArgha\SEM3\PYTHON> python -u
"c:\Users\hello\Desktop\HelloArgha\SEM3\PYTHON\Lab3\A12.py"
• Enter a sentence: have a good day today
Total number of words in your sentence is 5
PS C:\Users\hello\Desktop\HelloArgha\SEM3\PYTHON> python -u
"c:\Users\hello\Desktop\HelloArgha\SEM3\PYTHON\Lab3\A13.py"
• "
Enter the first string: iamarghamallick
Enter the second string: itsarghare
m
m
l
l
c
k
PS C:\Users\hello\Desktop\HelloArgha\SEM3\PYTHON>
```