Python Assignment Day - 7

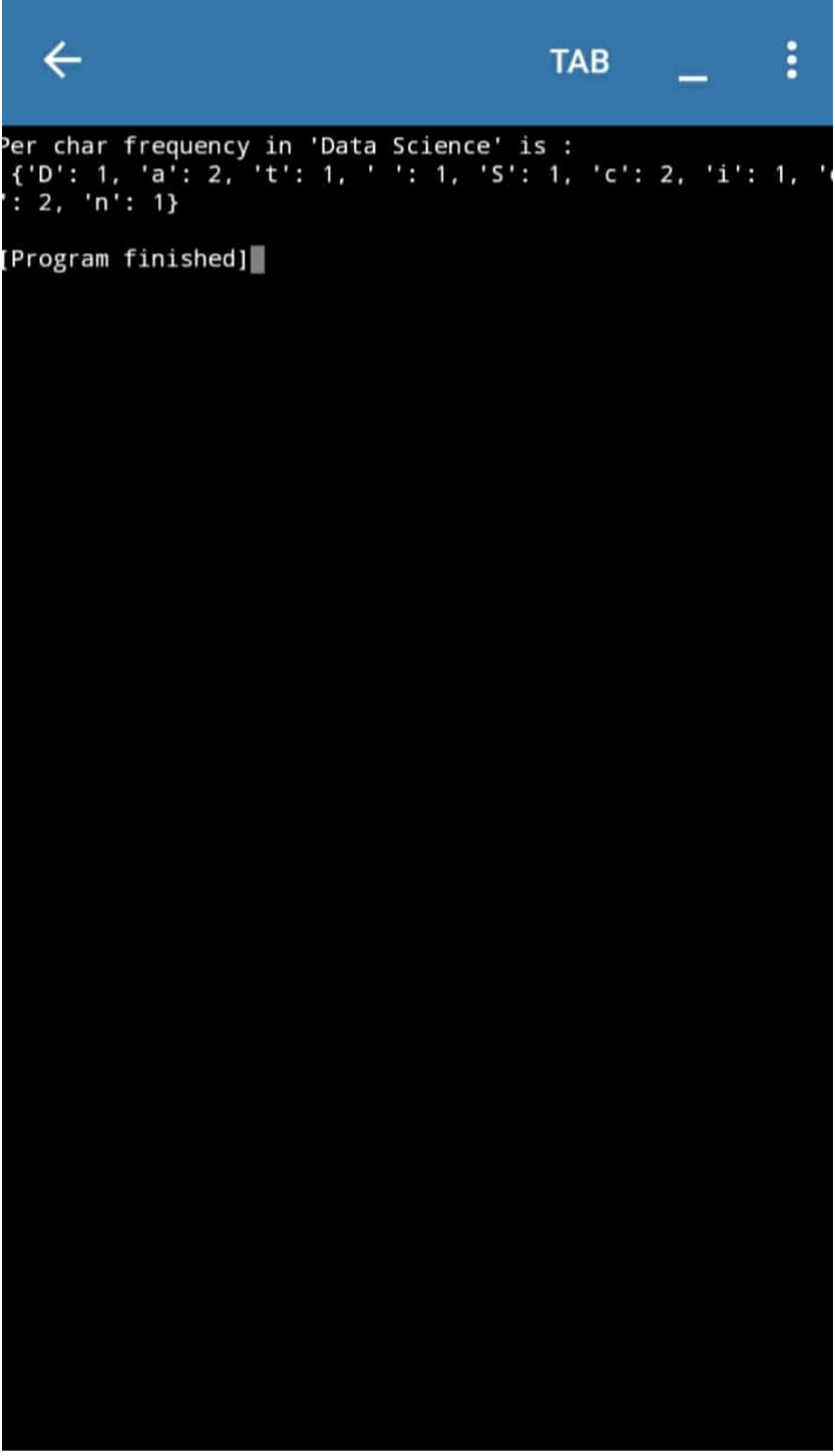
Sandhya.P
321910302023

```
1 #Program to calculate length of a string
2 str = input("Enter a string: ")
3 counter = 0
4 for s in str:
5     counter = counter+1
6 print("Length of the string is:", counter)
```

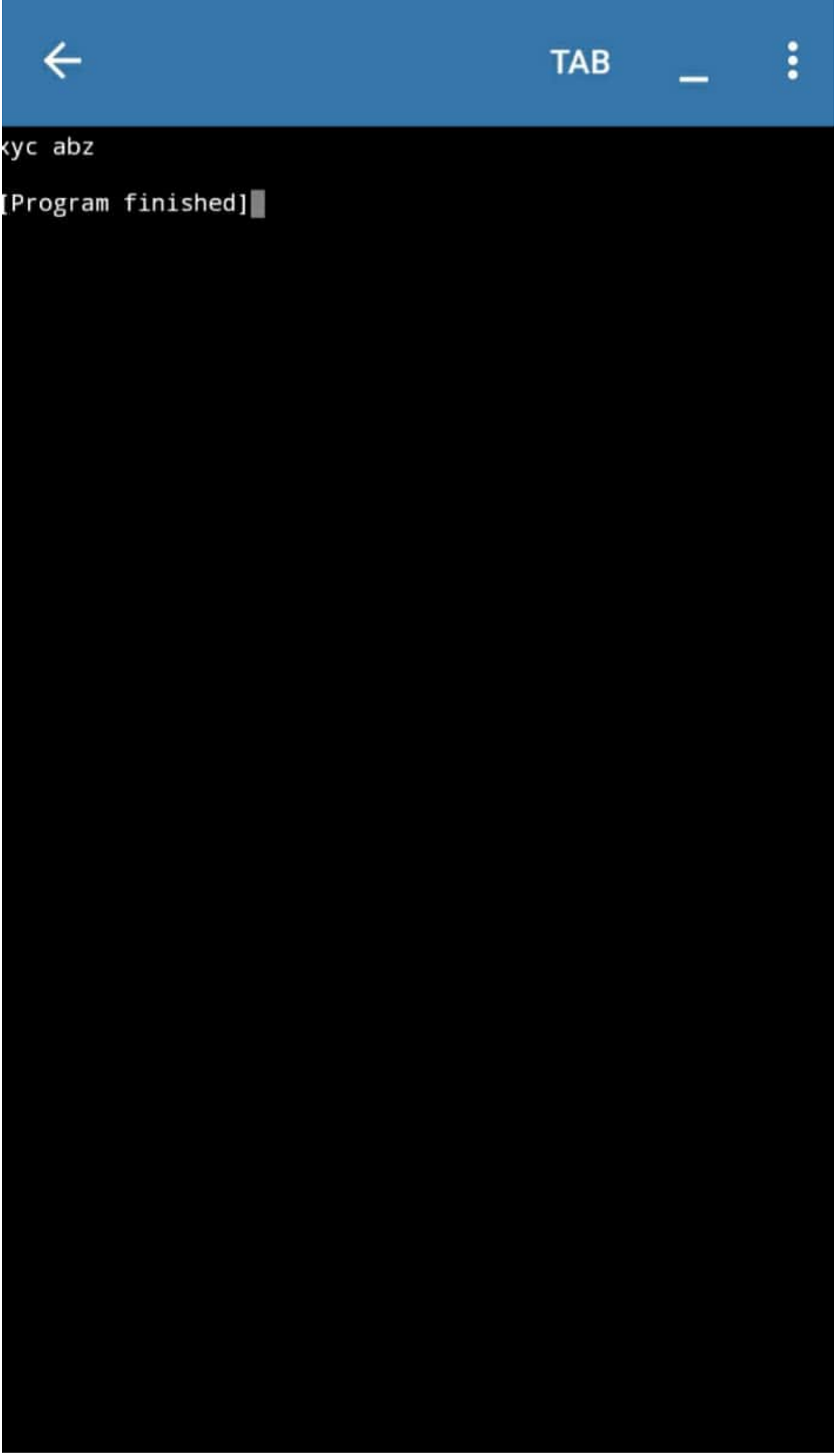
```
Enter a string: sandhya
Length of the string is: 7

[Program finished]
```

```
1  #program to count the  number of
   characters(character frequency in string)
2  input_string = "Data Science"
3  frequencies = {}
4  for char in input_string:
5    if char in frequencies:
6      frequencies[char] += 1
7    else:
8      frequencies[char] = 1
9  print ("Per char frequency in '{}' is :\n {}".
   format(input_string, str(frequencies)))
```



```
1 #program to get a single string from two
  given string
2 def chars_mix_up(a, b):
3   new_a = b[:2] + a[2:]
4   new_b = a[:2] + b[2:]
5   return new_a + ' ' + new_b
6 print(chars_mix_up('abc', 'xyz'))
```



```
1 #program to convert string to list
2 def Convert(string):
3     li = list(string.split(" "))
4     return li
5 str1 = "Hello World"
6 print(Convert(str1))
```


```
['Hello', 'World']

[Program finished]
```

```
1  #program to remove the characters which
   have odd index values of a given string
2  def odd_values_string(str):
3    result = ""
4    for i in range(len(str)):
5      if i % 2 == 0:
6        result = result + str[i]
7    return result
8  print(odd_values_string('abcdef'))
9  print(odd_values_string('python'))
```

```
ace
oto

[Program finished]
```