

GitHub Dashboard

Week5_Coding: Attempt review

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rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=9322&cmid=100

REC-PS

SAMYUKTHAA A 2022-BIOMED-8

Question 1

Correct

Mark: 1.00 out of 1.00

Flag question

Write a program that takes as input a string (sentence), and returns its second word in uppercase.

For example:

If input is "Wipro Technologies Bangalore" the function should return "TECHNOLOGIES"

If input is "Hello World" the function should return "WORLD"

If input is "Hello" the program should return "LESS"

NOTE 1: If input is a sentence with less than 2 words, the program should return the word "LESS".

NOTE 2: The result should have no leading or trailing spaces.

For example:

Input	Result
Wipro Technologies Bangalore	TECHNOLOGIES
Hello World	WORLD
Hello	LESS

Answer: (penalty regime: 0 %)

```
1 | s= str(input())
2 | words=s.split()
3 | if len(words)>2:
4 |     print("LESS")
5 | else:
6 |     print(words[1].upper())
```

	Input	Expected	Got
✓	Wipro Technologies Bangalore	TECHNOLOGIES	TECHNOLOGIES ✓

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Kroger

Costco

Sam's Club

Walmart

Target

Kroger

Costco

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Question 2

Correct

Marks: 1.00 out of 1.00

Flag question

Correct

Marks for this submission: 1.00/1.00

Given two Strings s1 and s2, remove all the characters from s1 which is present in s2.

Constraints

1<= string length <= 200

Sample Input 1

experience
enc

Sample Output 1

xpr1

Answer: (penalty regime: 0 %)

```
1 s1:=str(input())
2 s2:=str(input())
3 result=""
4 for char in s1:
5     if char not in s2:
6         result+=char
7 print(result)
```

	Input	Expected	Got
✓	experience enc	xpr1	xpr1 ✓

Passed all tests! ✓

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Question 3
Correct
Mark 1.00 out of 1.00
Flag question

Assume that the given string has enough memory.

Don't use any extra space(IN-PLACE)

Sample Input 1

42b4c6

Sample Output 1

abbbeccc

Answer: (penalty regime: 0 %)

```

1 s=input().strip()
2 result=""
3 i=0
4 while i<len(s):
5     char=s[i]
6     if i==len(s) and s[i-1].isdigit():
7         count=
8         i=i-1
9     while j< len(s) and s[j].isdigit():
10        count+=int(s[j])
11        j+=1
12    result.append(char+str(count))
13    i=j-1
14 else:
15    result.append(char)
16    i=i-1
17 print(''.join(result))

```

	Input	Expected	Got	
✓	a2b4c6	aaabbbcccccc	aaabbbcccccc	✓
✓	a12b3d4	aaaaaaaaaaaaabbbddd	aaaaaaaaaaaaabbbddd	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00

Question 4
Correct
Mark: 1.00 out of 1.00
Flag question

String should contain only the words are not palindromes.

Sample Input 1

Malayalam is my mother tongue

Sample Output 1

Is my mother tongue

Answer: (penalty regime: 0 %)

```
1 x= str(input())
2 y=x.lower()
3 words=y.split()
4 for word in words:
5     if word== word[::-1]:
6         print(word,end=" ")
```

Input	Expected	Got
✓ Malayalam is my mother tongue	Is my mother tongue	Is my mother tongue ✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

Question 5
Correct
Mark: 1.00 out of 1.00

In this exercise, you will create a program that reads words from the user until the user enters a blank line. After the user enters a blank line your program should display each word entered by the user exactly once. The words should be displayed in the same order that they were first entered. For example, if the user enters:

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Question 5

Correct

Mark: 1.00 out of 1.00

Flag question

In this exercise, you will create a program that reads words from the user until the user enters a blank line. After the user enters a blank line your program should display each word entered by the user exactly once. The words should be displayed in the same order that they were first entered. For example, if the user enters:

```
first
second
first
third
second
```

then your program should display:

```
first
second
third
```

Answer: (penalty regime: 0 %)

```
1 words=[]
2 try:
3     while True:
4         word=input()
5         if word == '':
6             break
7         words.append(word)
8     except EOFError:
9         pass
10 seen=set()
11 for word in words:
12     if word.lower() not in seen:
13         print(word)
14         seen.add(word.lower())
```

	Input	Expected	Got	
✓	first	first	first	✓
	second	second	second	
	first	third	third	
	third			
	second			

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write a python program to count all letters, digits, and special symbols respectively from a given string

Input	Result
rec@123	3
	2
	1

```

1 x=input()
2 lc=0
3 nc=0
4 for char in x:
5     if char.isalpha():
6         lc=lc+1
7     elif char.isdigit():
8         nc=nc+1
9     else:
10        sc=sc+1
11 print(lc)
12 print(nc)
13 print(sc)

```

Passed all tests! ✓

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2 <= Length of S1, S2 <= 1000

Example Input/Output 1:
Input:
abcdbde
cdefghbb
3
Output:
bcd
Note:
b occurs twice in common but must be printed only once.

Answer: (penalty regime: 0 %)

```
1 s1=tr(input())
2 s2=tr(input())
3 n= int(input())
4 a=[]
5 for char in s1:
6     if char in s2 and char not in a:
7         a.append(char)
8         if len(a)==n:
9             break
10 print(''.join(a))
11
```

	Input	Expected	Got
✓	abcdbde cdefghbb 3	bcd	bcd ✓

Passed all tests! ✓

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Marks for this submission: 1.00/1.00

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Question 8
Correct
Mark: 1.00 out of 1.00
Flag question

Reverse a string without affecting special characters

Given a string \$, containing special characters and all the alphabets, reverse the string without affecting the positions of the special characters.

Input:
AS@B

Output:
B@A

Explanation: As we ignore '@' and
As we ignore '@' and then reverse, so answer is "B@A".

For example:

Input	Result
A@B	B@A

Answer: (penalty regime: 0 %)

```
1 s= input()
2 a=[]
3 for char in s:
4     if char.isalpha():
5         a.append(char)
6 b=""
7 for char in s:
8     if char.isalpha():
9         b+=a.pop()
10    else:
11        b+=char
12 print(b)
13
```

Input	Expected	Got
AS@B	B@A	B@A ✓

Passed all tests! ✓

Correct

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The second line contains DOMAIN.
The third line contains USERNAME.
Boundary Condition:
1 <= Length of S <= 100
Example Input/Output 1:
Input:
abcd@gmail.com
Output:
com
gmail
abcd

Answer: (penalty regime: 0 %)

```
1 s= input()
2 e=s.index('@')
3 b=s.index('.')
4 x=s[b+1:]
5 y=s[e+1:b]
6 z=s[:e]
7 print(x)
8 print(y)
9 print(z)
```

	Input	Expected	Got	
✓	abcd@gmail.com	com gmail abcd	com gmail abcd	✓

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Question 10
Correct
Mark: 1.00 out of 1.00
Flag question

Correct
Marks for this submission: 1.00/1.00

Write a program to check if two strings are balanced. For example, strings s1 and s2 are balanced if all the characters in the s1 are present in s2. The character's position doesn't matter. If balanced display as "true", otherwise "false".

For example:

Input	Result
Yn PnnaIive	True

Answer: (penalty regime: 0 %)

```
1 s1=str(input())
2 s2=str(input())
3 if s1 not in s2:
4     print("False")
5 else:
6     print("True")
7
```

	Input	Expected	Got	
✓	Yn PnnaIive	True	True	✓
✓	YnF PnnaIive	False	false	✓

Passed all tests! ✓