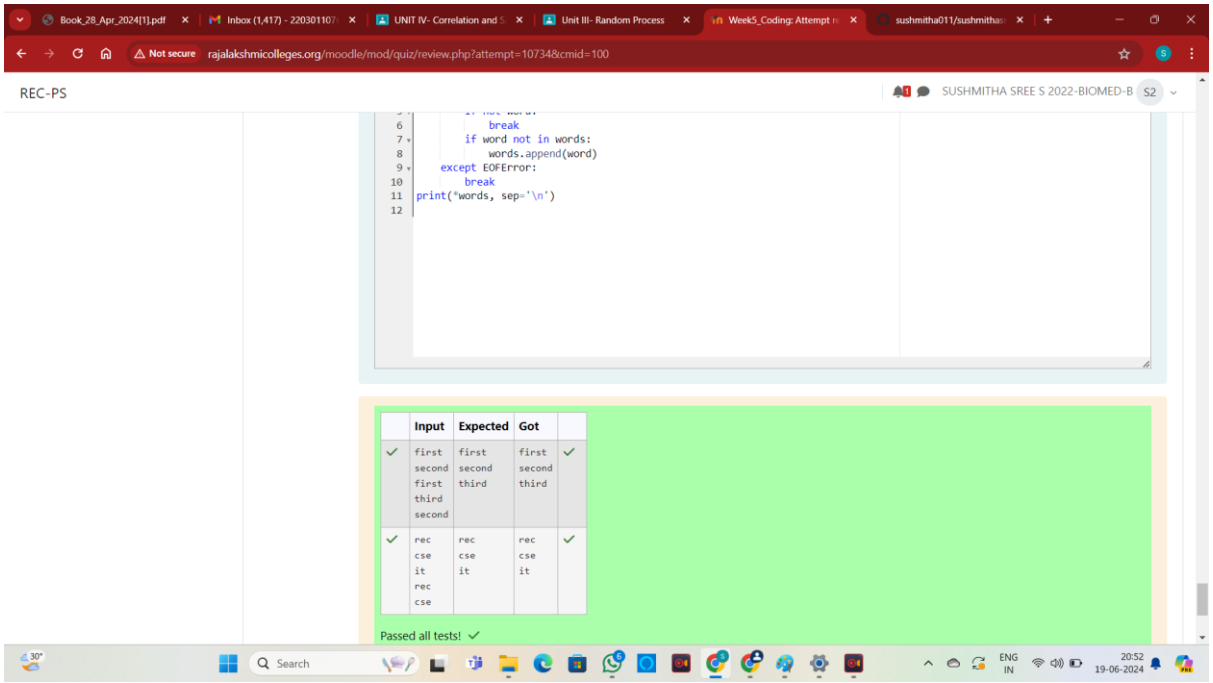
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UNIT IV- Correlation and S
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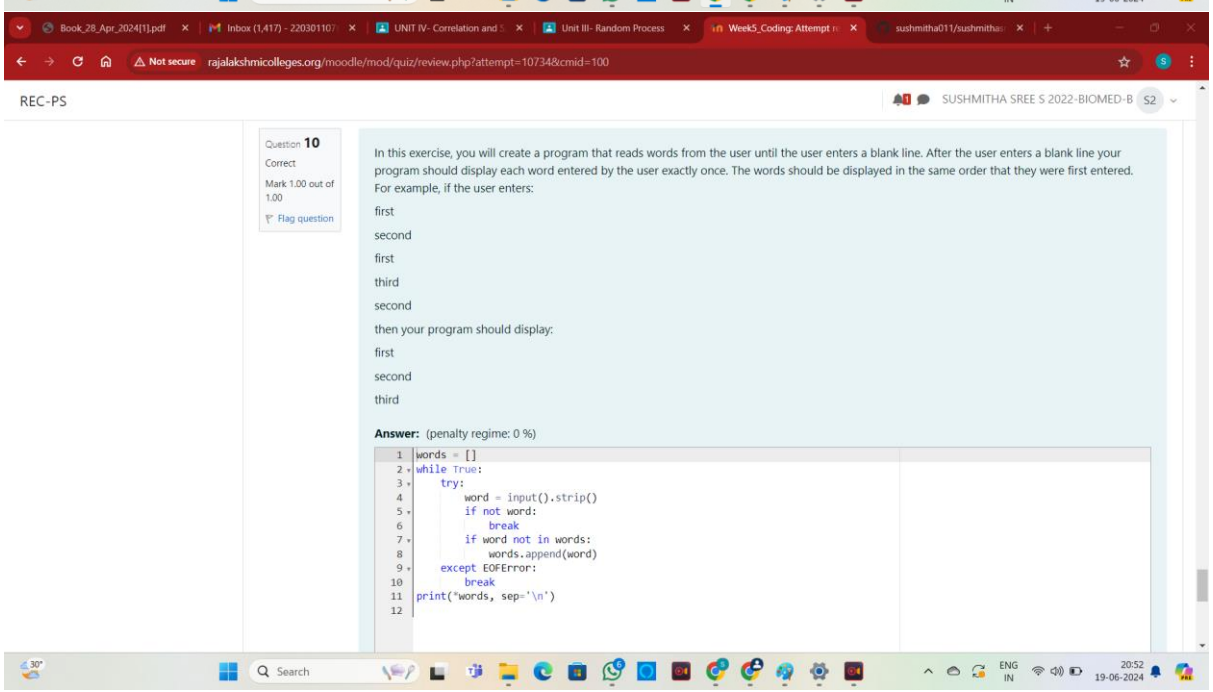
Week5_Coding: Attempt re
sushmitha011/sushmitha
Not secure
rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=10734&cmid=100
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
6 break
7 if word not in words:
8 words.append(word)
9 except EOFError:
10 break
11 print("words, sep='\n')
12
Input
Expected
Got
first second first third second
first second third
first second third
rec cse it rec cse
rec cse it
rec cse it
Passed all tests!
Search
ENG IN
20:52 19-06-2024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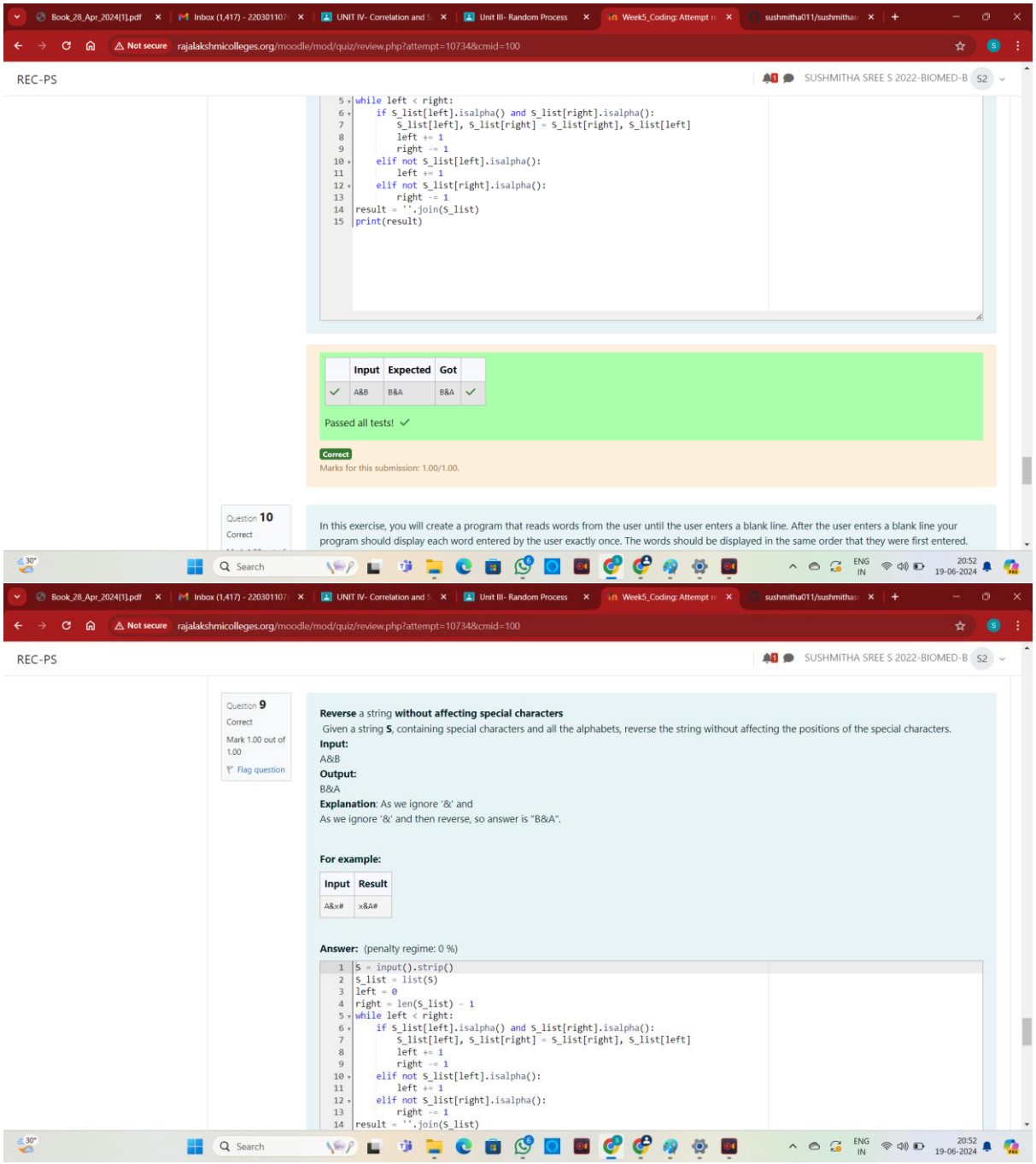
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
Question 10
Correct
Mark 1.00 out of 1.00
Flag question
In this exercise, you will create a program that reads words from the user until the user enters a blank line. After the user enters a blank line your program should display each word entered by the user 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 while True:
3 try:
4 word = input().strip()
5 if not word:
6 break
7 if word not in words:
8 words.append(word)
9 except EOFError:
10 break
11 print("words, sep='\n')
12
Search
ENG IN
20:52 19-06-2024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REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
while left < right:
if S_list[left].isalpha() and S_list[right].isalpha():
S_list[left], S_list[right] = S_list[right], S_list[left]
left += 1
right -= 1
elif not S_list[left].isalpha():
left += 1
elif not S_list[right].isalpha():
right -= 1
result = ''.join(S_list)
print(result)
Input
Expected
Got
A&B
B&A
B&A
Passed all tests!
Correct
Marks for this submission: 1.00/1.00.
Question 10
Correct
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.
Search
ENG
IN
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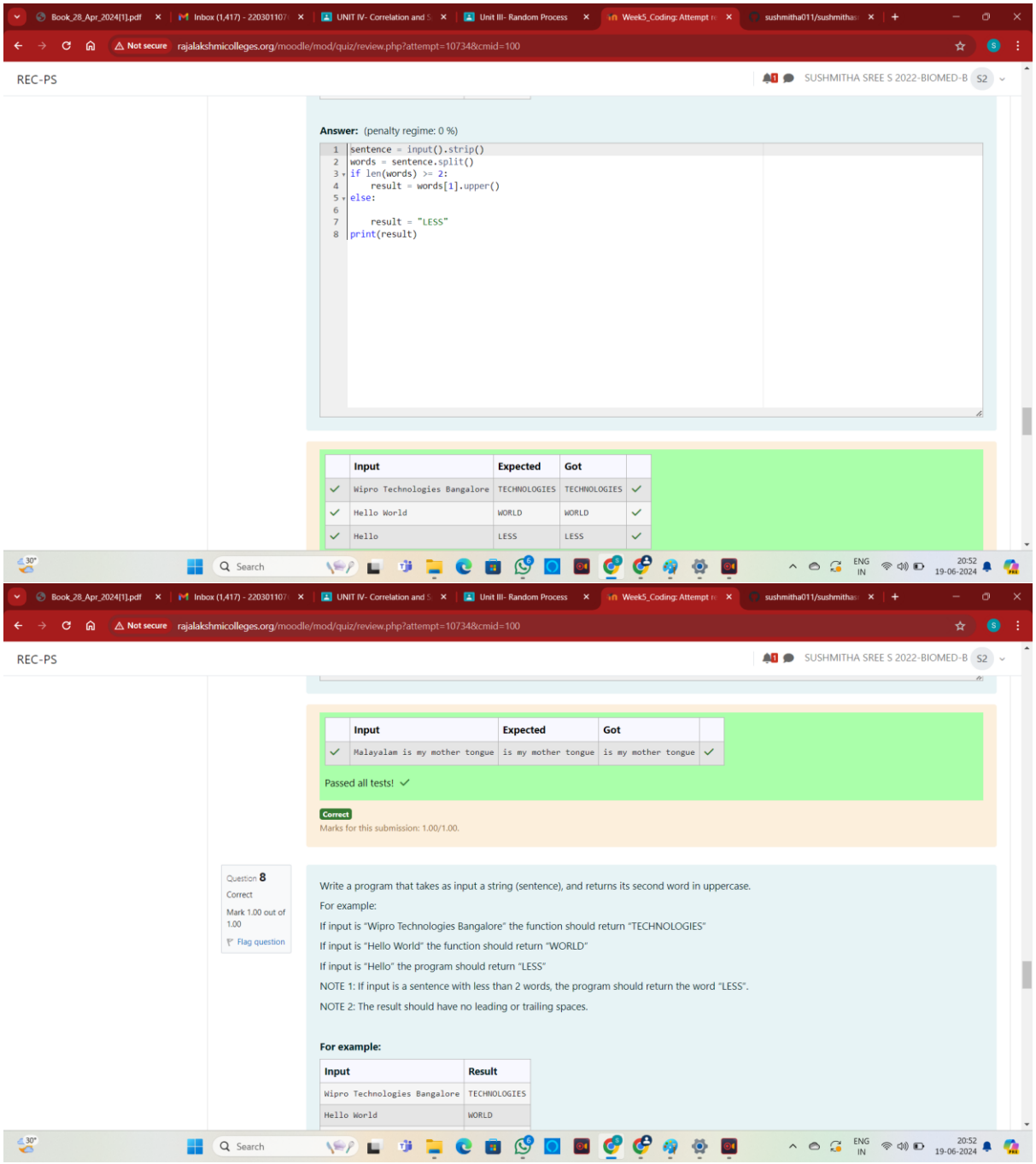
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
Question 9
Correct
Mark 1.00 out of 1.00
Flag question
Reverse a string without affecting special characters
Given a string S, containing special characters and all the alphabets, reverse the string without affecting the positions of the special characters.
Input:
A&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&x#
x&A#
Answer: (penalty regime: 0 %)
S = input().strip()
S_list = list(S)
left = 0
right = len(S_list) - 1
while left < right:
if S_list[left].isalpha() and S_list[right].isalpha():
S_list[left], S_list[right] = S_list[right], S_list[left]
left += 1
right -= 1
elif not S_list[left].isalpha():
left += 1
elif not S_list[right].isalpha():
right -= 1
result = ''.join(S_list)
Search
ENG
IN
20:52
19-06-2024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REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
Answer: (penalty regime: 0 %)
1 sentence = input().strip()
2 words = sentence.split()
3 if len(words) >= 2:
4 result = words[1].upper()
5 else:
6
7 result = "LESS"
8 print(result)
Input
Expected
Got
Wipro Technologies Bangalore
TECHNOLOGIES
TECHNOLOGIES
Hello World
WORLD
WORLD
Hello
LESS
LESS
Search
ENG
IN
20:52
19-06-2024

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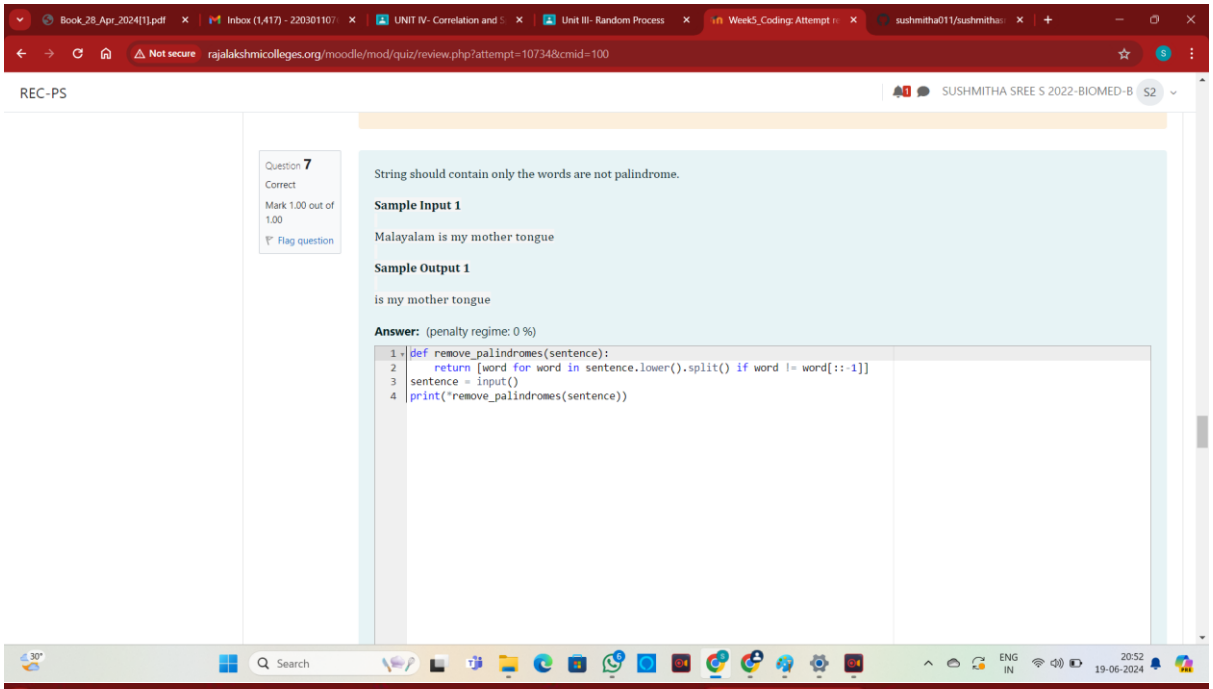
Not secure
rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=10734&cmid=100
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
Input
Expected
Got
Malayalam is my mother tongue
is my mother tongue
is my mother tongue
Passed all tests!
Correct
Marks for this submission: 1.00/1.00.
Question 8
Correct
Mark 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
Search
ENG
IN
20:52
19-06-2024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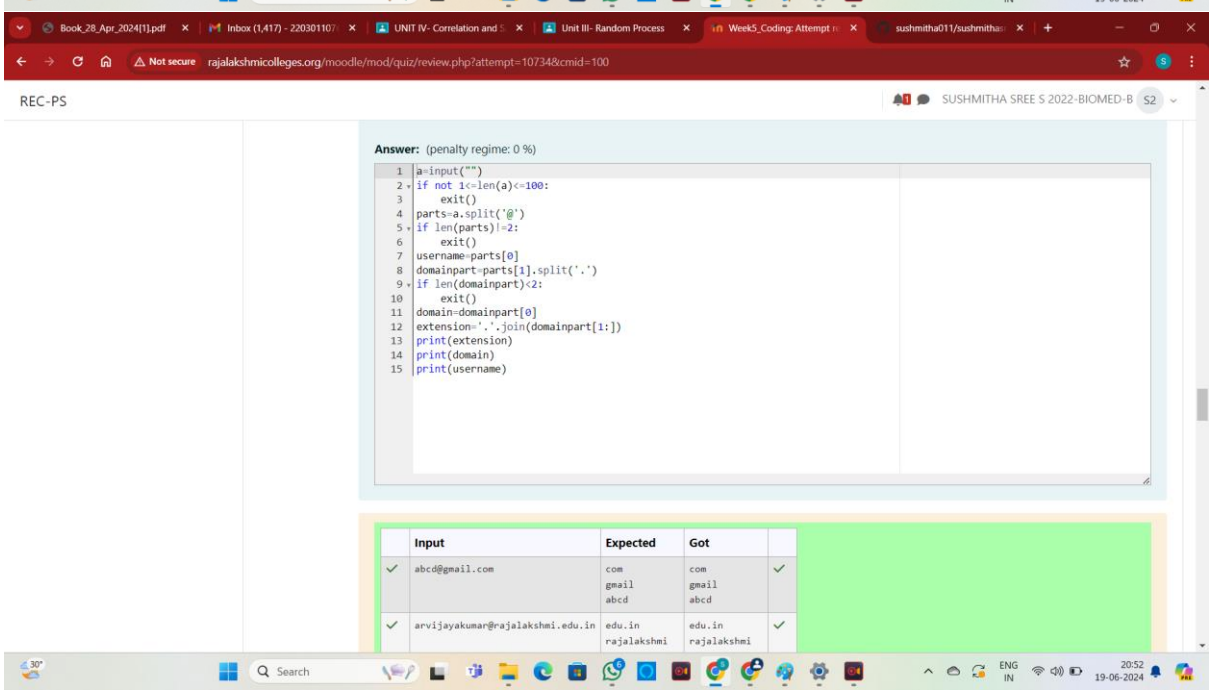
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
Question 7
Correct
Mark 1.00 out of 1.00
Flag question
String should contain only the words are not palindrome.
Sample Input 1
Malayalam is my mother tongue
Sample Output 1
is my mother tongue
Answer: (penalty regime: 0 %)
def remove_palindromes(sentence):
return [word for word in sentence.lower().split() if word != word[::-1]]
sentence = input()
print(*remove_palindromes(sentence))
Search
ENG
IN
20:52
19-06-2024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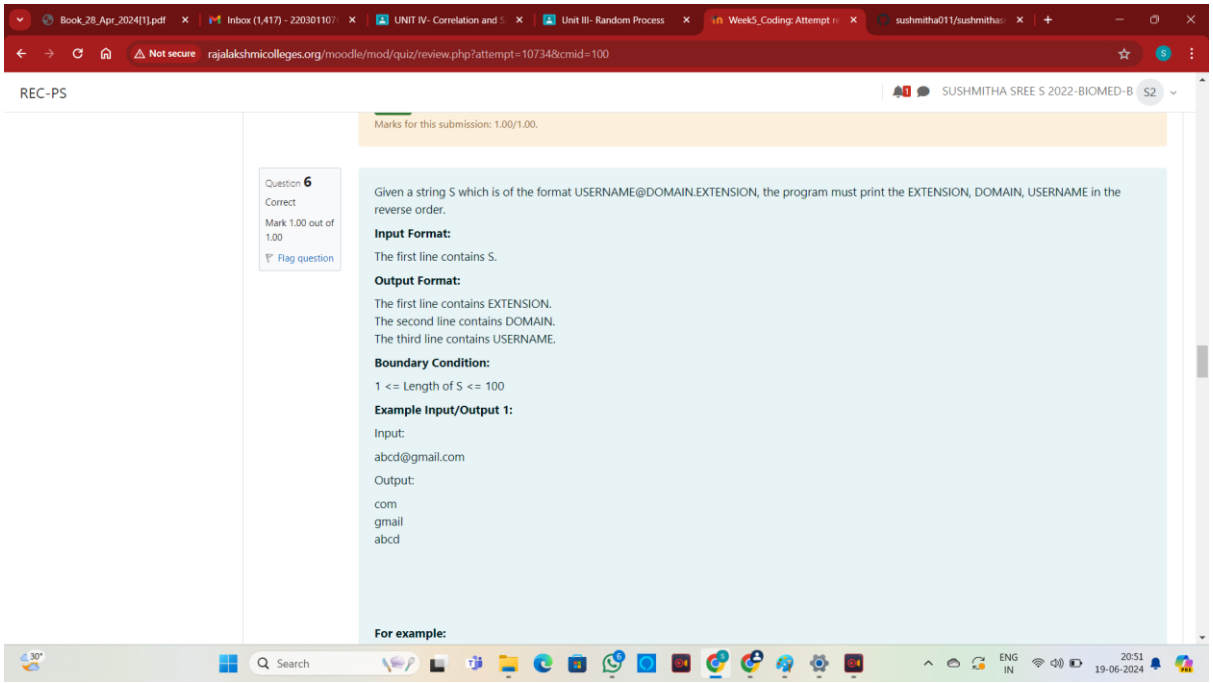
Unit III- Random Process
Week5_Coding: Attempt re
sushmitha011/sushmitha
Not secure
rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=10734&cmid=100
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
Answer: (penalty regime: 0 %)
a=input("")
if not 1<=len(a)<=100:
exit()
parts=a.split('@')
if len(parts)!=2:
exit()
username=parts[0]
domainpart=parts[1].split('.')
if len(domainpart)<2:
exit()
domain=domainpart[0]
extension='.'.join(domainpart[1:])
print(extension)
print(domain)
print(username)
Input
Expected
Got
abcd@gmail.com
com
gmail
abcd
com
gmail
abcd
arvijayakumar@rajalakshmi.edu.in
edu.in
rajalakshmi
edu.in
rajalakshmi
Search
ENG
IN
20:52
19-06-2024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sushmitha011/sushmitha
Not secure
rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=10734&cmid=100
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
Marks for this submission: 1.00/1.00.
Question 6
Correct
Mark 1.00 out of 1.00
Flag question
Given a string S which is of the format USERNAME@DOMAIN.EXTENSION, the program must print the EXTENSION, DOMAIN, USERNAME in the reverse order.
Input Format:
The first line contains S.
Output Format:
The first line contains EXTENSION.
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
For example:
Search
ENG
IN
20:51
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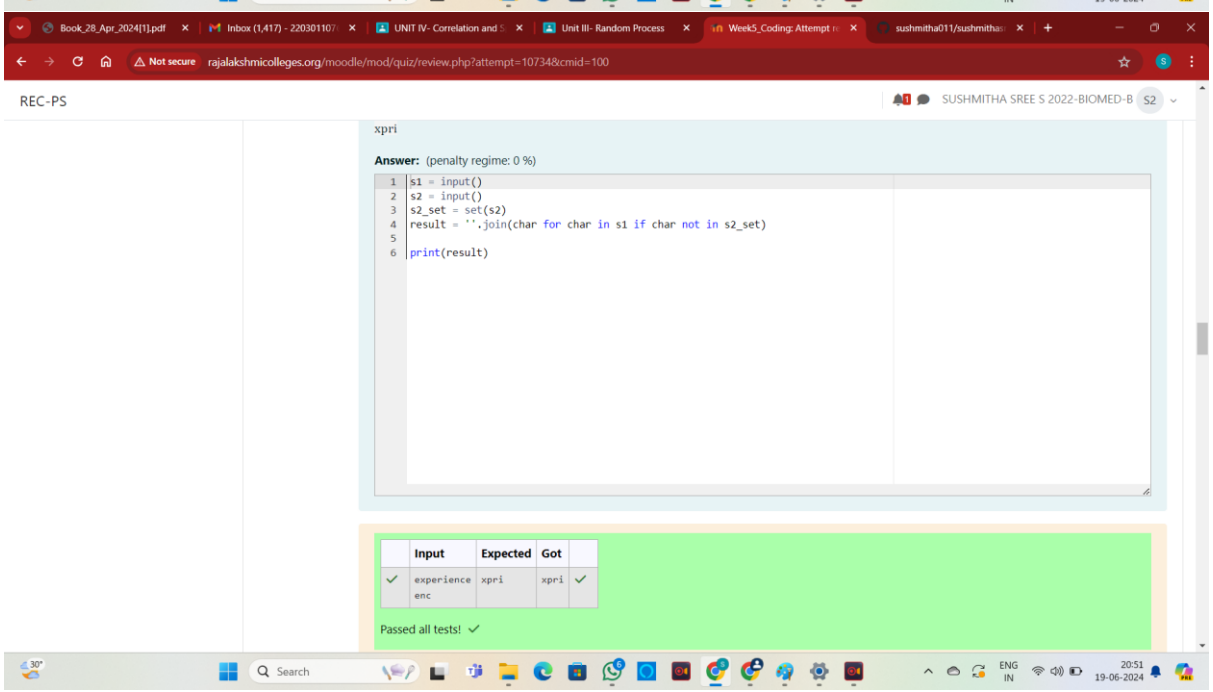
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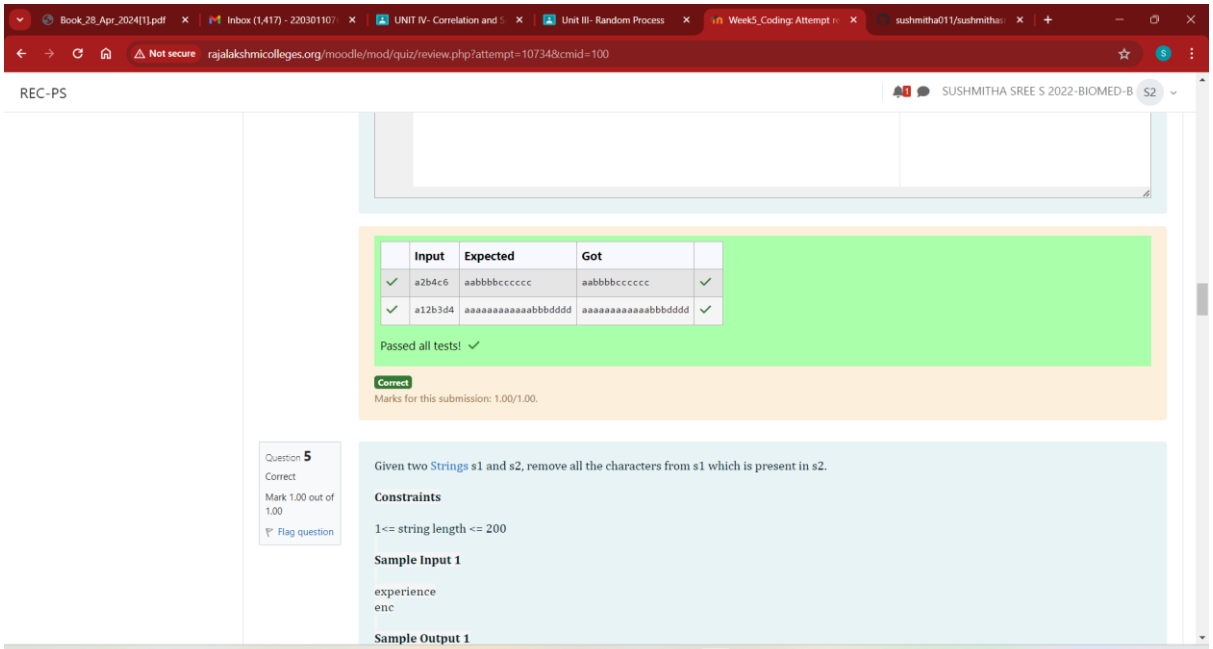
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
xpri
Answer: (penalty regime: 0 %)
s1 = input()
s2 = input()
s2_set = set(s2)
result = ''.join(char for char in s1 if char not in s2_set)
print(result)
Input
Expected
Got
experience
enc
xpri
xpri
Passed all tests!
Search
ENG
IN
20:51
19-06-2024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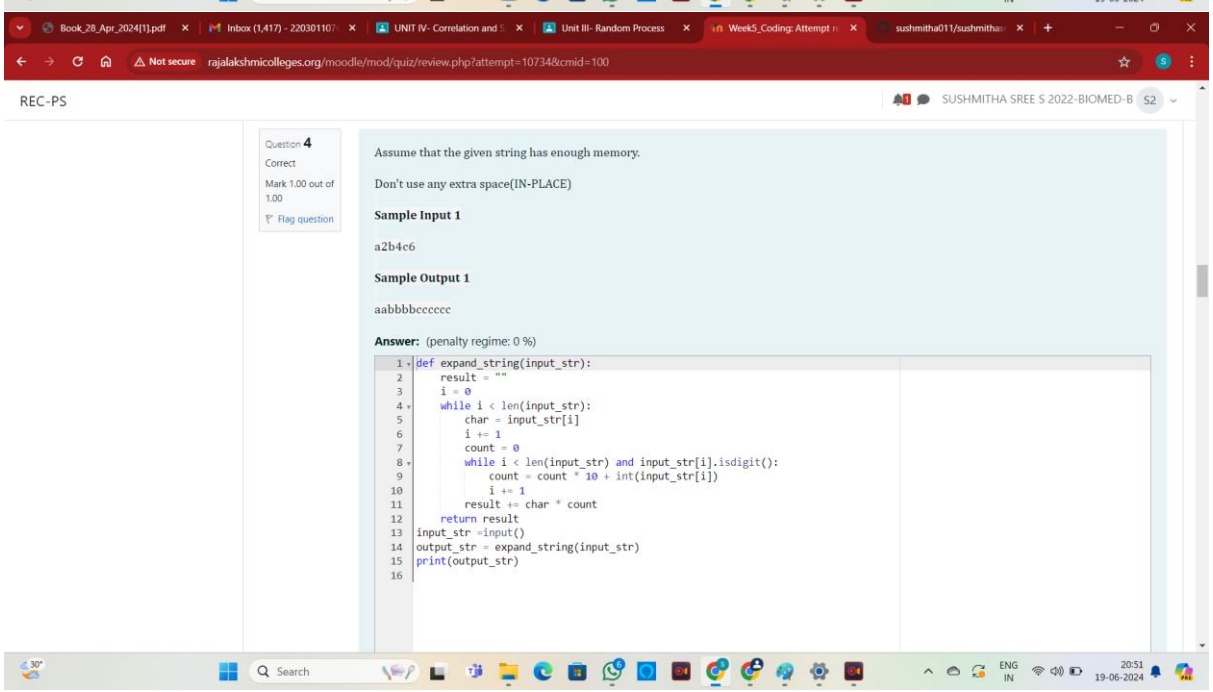
Not secure
rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=10734&cmid=100
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
Input
Expected
Got
a2b4c6
aabbbbcccccc
aabbbbcccccc
a12b3d4
aaaaaaaaaaaabbbdddd
aaaaaaaaaaaabbbdddd
Passed all tests!
Correct
Marks for this submission: 1.00/1.00.
Question 5
Correct
Mark 1.00 out of 1.00
Flag question
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
Search
ENG
IN
20:51
19-06-2024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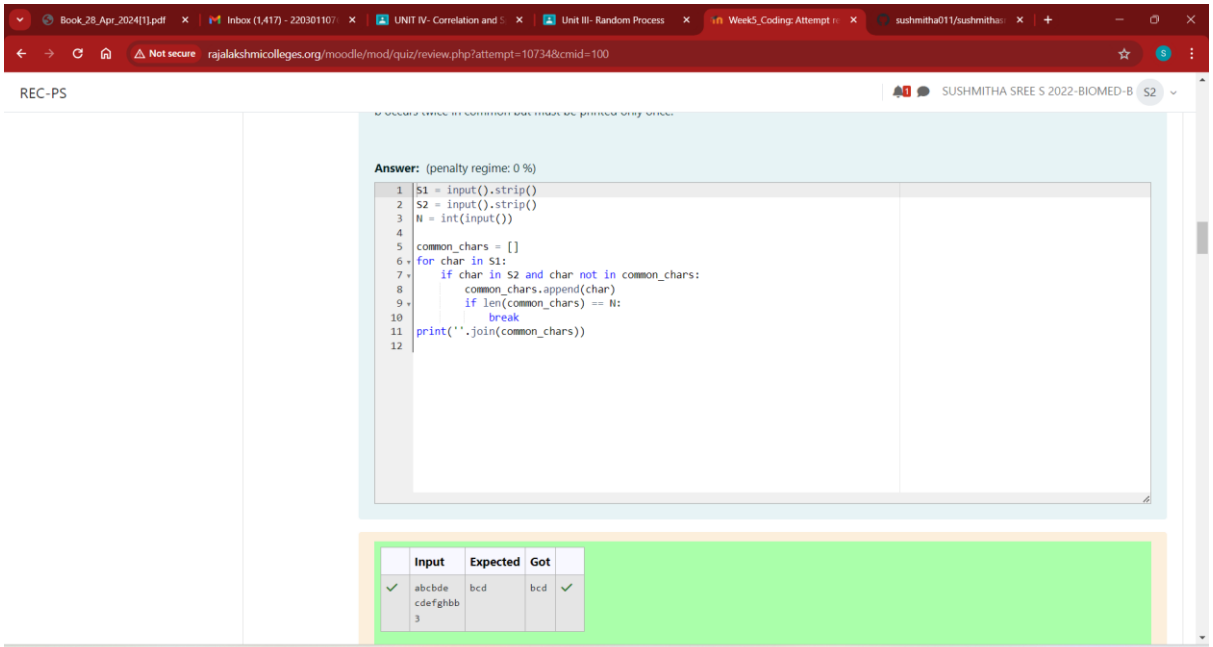
Not secure
rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=10734&cmid=100
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
Question 4
Correct
Mark 1.00 out of 1.00
Flag question
Assume that the given string has enough memory.
Don't use any extra space(IN-PLACE)
Sample Input 1
a2b4c6
Sample Output 1
aabbbbcccccc
Answer: (penalty regime: 0 %)
def expand_string(input_str):
result = ""
i = 0
while i < len(input_str):
char = input_str[i]
i += 1
count = 0
while i < len(input_str) and input_str[i].isdigit():
count = count * 10 + int(input_str[i])
i += 1
result += char * count
return result
input_str =input()
output_str = expand_string(input_str)
print(output_str)
Search
ENG
IN
20:51
19-06-2024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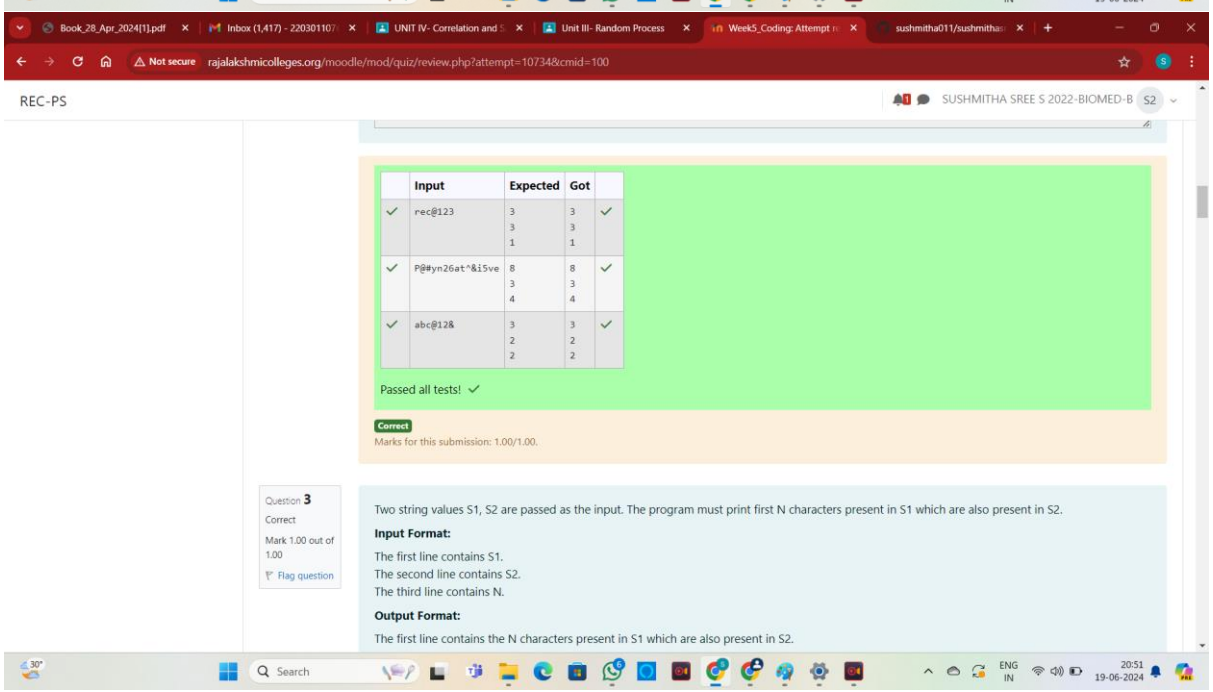
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
Answer: (penalty regime: 0 %)
S1 = input().strip()
S2 = input().strip()
N = int(input())
common_chars = []
for char in S1:
if char in S2 and char not in common_chars:
common_chars.append(char)
if len(common_chars) == N:
break
print(''.join(common_chars))
Input
Expected
Got
abcbde
cdefghbb
3
bcd
bcd
Search
ENG
IN
20:51
19-06-2024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Not secure
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REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
S2
Input
Expected
Got
rec@123
3
3
1
3
3
1
P@#yn26at^&i5ve
8
3
4
8
3
4
abc@12&
3
2
2
3
2
2
Passed all tests!
Correct
Marks for this submission: 1.00/1.00.
Question 3
Correct
Mark 1.00 out of 1.00
Flag question
Two string values S1, S2 are passed as the input. The program must print first N characters present in S1 which are also present in S2.
Input Format:
The first line contains S1.
The second line contains S2.
The third line contains N.
Output Format:
The first line contains the N characters present in S1 which are also present in S2.
Search
ENG
IN
20:51
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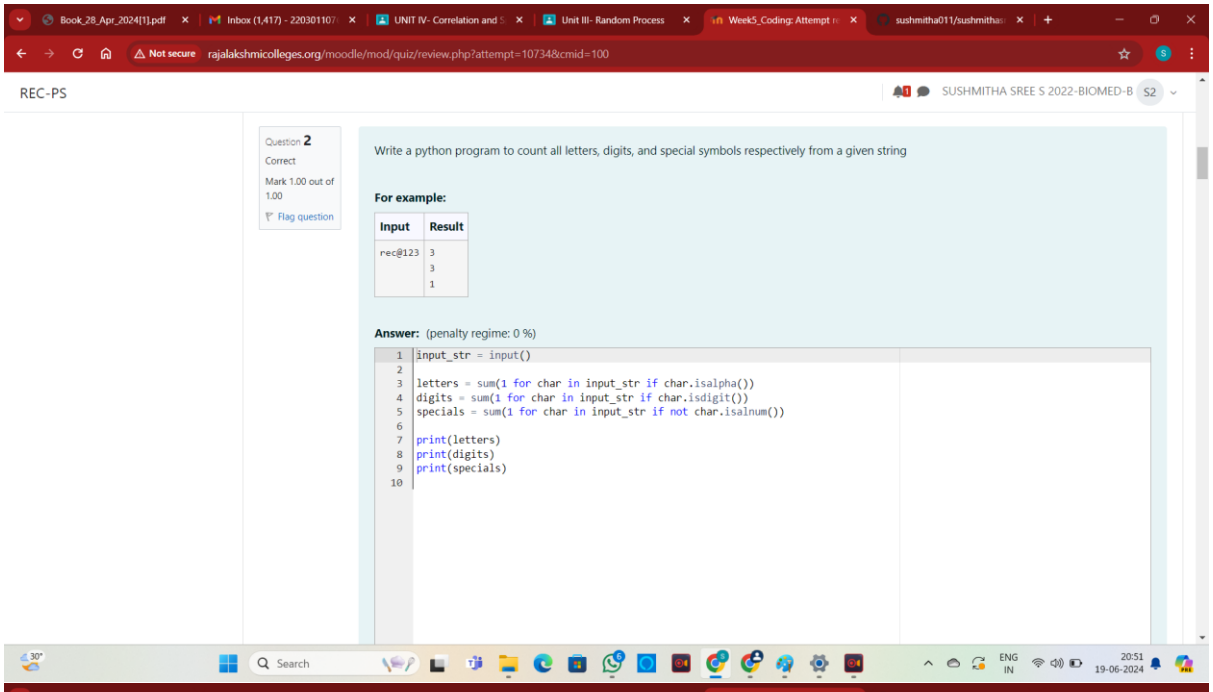
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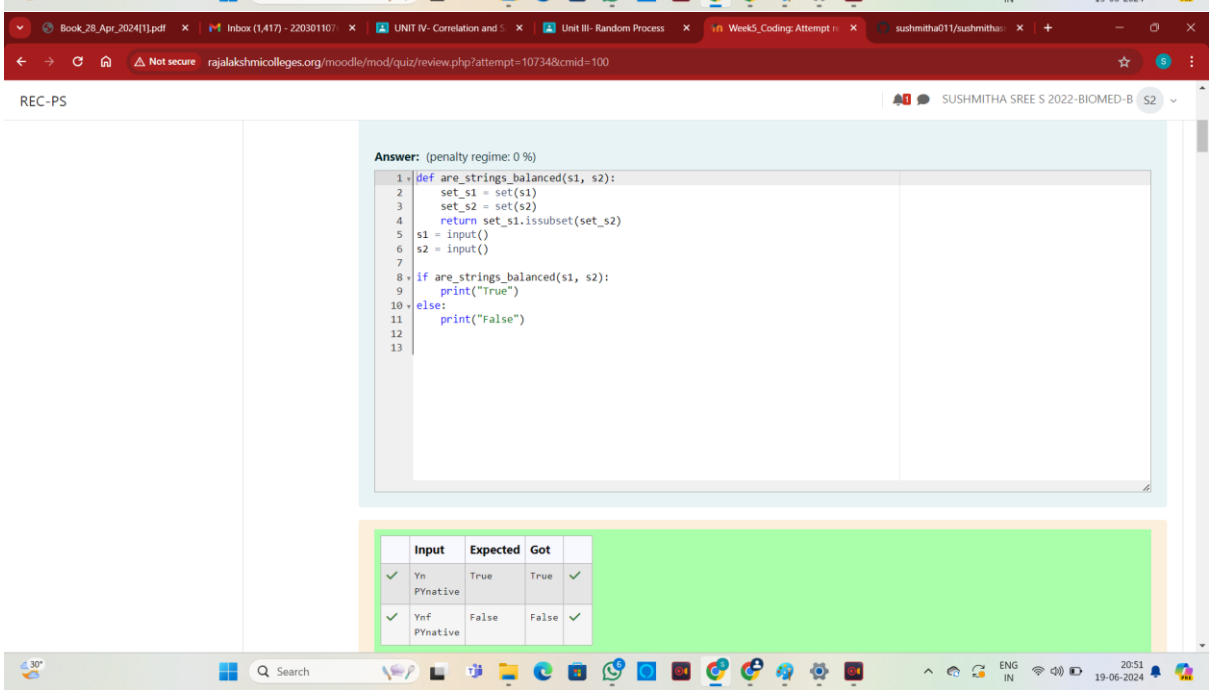
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
Question 2
Correct
Mark 1.00 out of 1.00
Flag question
Write a python program to count all letters, digits, and special symbols respectively from a given string
For example:
Input
Result
rec@123
3
3
1
Answer: (penalty regime: 0 %)
input_str = input()
letters = sum(1 for char in input_str if char.isalpha())
digits = sum(1 for char in input_str if char.isdigit())
specials = sum(1 for char in input_str if not char.isalnum())
print(letters)
print(digits)
print(specials)
Search
ENG
IN
20:51
19-06-2024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Not secure
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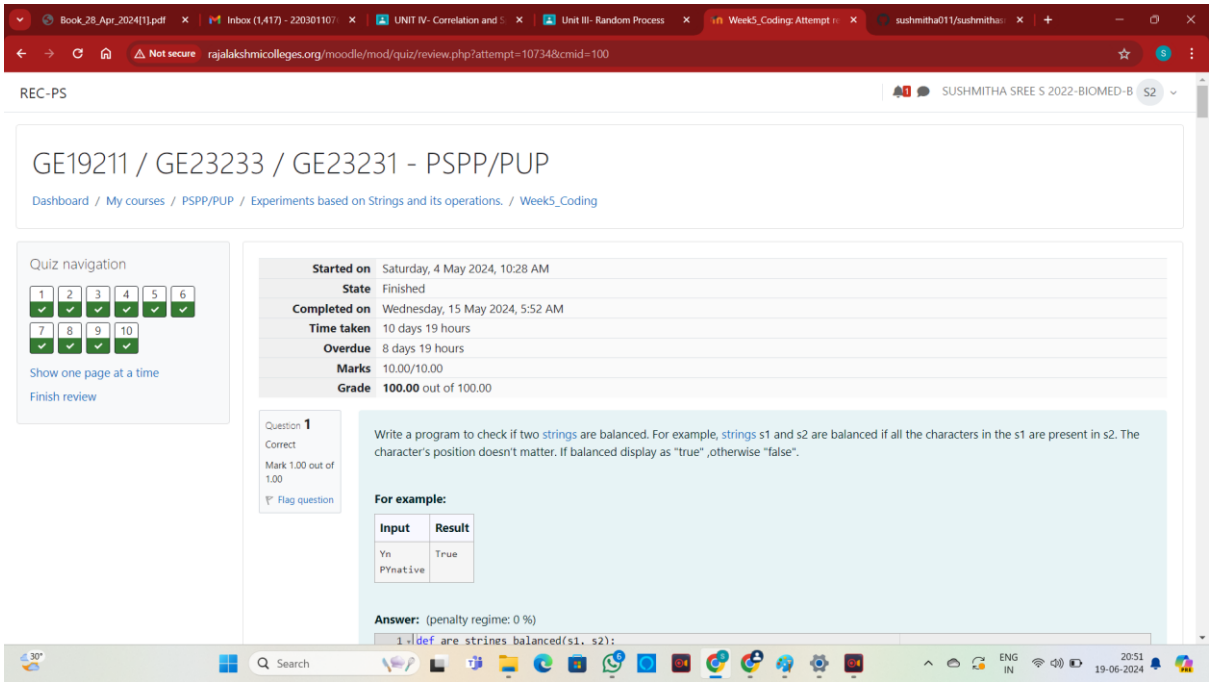
REC-PS
SUSHMITHA SREE S 2022-BIOMED-B
Answer: (penalty regime: 0 %)
def are_strings_balanced(s1, s2):
set_s1 = set(s1)
set_s2 = set(s2)
return set_s1.issubset(set_s2)
s1 = input()
s2 = input()
if are_strings_balanced(s1, s2):
print("True")
else:
print("False")
Input
Expected
Got
Yn
PYnative
True
True
Ynf
PYnative
False
False
Search
ENG
IN
20:51
19-06-2024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SUSHMITHA SREE S 2022-BIOMED-B
GE19211 / GE23233 / GE23231 - PSPP/PUP
Dashboard / My courses / PSPP/PUP / Experiments based on Strings and its operations. / Week5_Coding
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Show one page at a time
Finish review
Started on Saturday, 4 May 2024, 10:28 AM
State Finished
Completed on Wednesday, 15 May 2024, 5:52 AM
Time taken 10 days 19 hours
Overdue 8 days 19 hours
Marks 10.00/10.00
Grade 100.00 out of 100.00
Question 1
Correct
Mark 1.00 out of 1.00
Flag question
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 PYnative
True
Answer: (penalty regime: 0 %)
1 def are_strings_balanced(s1, s2):
Search
ENG IN
20:51 19-06-2024