| | |
|---|---|
| **Started on** | Thursday, 12 September 2024, 1:42 PM |
| **State** | Finished |
| **Completed on** | Thursday, 12 September 2024, 2:01 PM |
| **Time taken** | 18 mins 45 secs |
| **Grade** | **80.00** out of 100.00 |

Question **1**

Correct

Mark 20.00 out of 20.00

write a python program to define a function that accepts side of a square and returns the area of a square.

**For example:**

| Input | Result |
|-------|--------|
| 5 | 25 |

**Answer:**  (penalty regime: 0 %)

Ace editor not ready. Perhaps reload page?

Falling back to raw text area.

```
a=int(input())
b=a*a
print(b)
```

| | Input | Expected | Got | |
|---|-------|----------|-----|---|
| ✔ | 5 | 25 | 25 | ✔ |
| ✔ | 12 | 144 | 144 | ✔ |

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Swap the following two tuples.

tuple1 = (11, 22)

tuple2 = (99, 88)

Expected output:

tuple1 = (99, 88)

tuple2 = (11, 22)

**For example:**

| Input | Result |
|---|---|
| (11, 22)<br>(99, 88) | (99, 88)<br>(11, 22) |

**Answer:** (penalty regime: 0 %)

Ace editor not ready. Perhaps reload page?
Falling back to raw text area.

```
a=eval(input())
b=eval(input())
print(b)
print(a)
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✔ | (11, 22)<br>(99, 88) | (99, 88)<br>(11, 22) | (99, 88)<br>(11, 22) | ✔ |
| ✔ | (6,4,9)<br>(1,5,2) | (1, 5, 2)<br>(6, 4, 9) | (1, 5, 2)<br>(6, 4, 9) | ✔ |

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Write a non fruitful and non parameterized function to get two lists and extend the second list with the first and print the resultant list.

Hint:use eval()

**For example:**

| Test | Input | Result |
|---|---|---|
| extendlist() | ["python","language"] ["rocks","!!!"] | List1= ['python', 'language'] List2= ['rocks', '!!!', 'python', 'language'] Resultant List=['rocks', '!!!', 'python', 'language'] |

**Answer:** (penalty regime: 0 %)

Ace editor not ready. Perhaps reload page?
Falling back to raw text area.

```
def extendlist():
    a=eval(input())
    b=eval(input())
    print(f"List1= {a}")
    print(f"List2= {b+a}")
    sli=b[:5]
    resulta=sli+a
    print(f"Resultant List={resulta}")
```

| | Test | Input | Expected | Got | |
|---|---|---|---|---|---|
| ✔ | extendlist() | ["python","language"] ["rocks","!!!"] | List1= ['python', 'language'] List2= ['rocks', '!!!', 'python', 'language'] Resultant List=['rocks', '!!!', 'python', 'language'] | List1= ['python', 'language'] List2= ['rocks', '!!!', 'python', 'language'] Resultant List=['rocks', '!!!', 'python', 'language'] | ✔ |
| ✔ | extendlist() | [1,2,3,4] [5,6,7,8,9] | List1= [1, 2, 3, 4] List2= [5, 6, 7, 8, 9, 1, 2, 3, 4] Resultant List=[5, 6, 7, 8, 9, 1, 2, 3, 4] | List1= [1, 2, 3, 4] List2= [5, 6, 7, 8, 9, 1, 2, 3, 4] Resultant List=[5, 6, 7, 8, 9, 1, 2, 3, 4] | ✔ |

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Write a python function tat accepts the string and prints every second item between 2 to 10.

**For example:**

| Test | Result |
| --- | --- |
| slice("Hustle Harder") | The sliced string is 'sl a' |

**Answer:** (penalty regime: 0 %)

Ace editor not ready. Perhaps reload page?
Falling back to raw text area.

```
def slice(string):
    stri=string[2:10:2]
    print(f"The sliced string is '{stri}'")
```

| | Test | Expected | Got | |
| --- | --- | --- | --- | --- |
| ✔ | slice("Hustle Harder") | The sliced string is 'sl a' | The sliced string is 'sl a' | ✔ |
| ✔ | slice("Remember Yourself") | The sliced string is 'mme ' | The sliced string is 'mme ' | ✔ |

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

**Write a Python program to find sequences of Lower case letters joined with a '#'.**

**For example:**

| Input | Result |
|---|---|
| saveetha engineering | Not matched! |
| py#thon | Found a match! |

**Answer:** (penalty regime: 0 %)

Ace editor not ready. Perhaps reload page?

Falling back to raw text area.

**Write a Python program to find sequences of Lower case letters joined with a '#'.**