Started on	Friday, 26 May 2023, 1:40 PM
State	Finished
Completed on	Friday, 26 May 2023, 2:15 PM
Time taken	34 mins 56 secs
Marks	4.00/5.00
Grade	**80.00** out of 100.00

Question **1**

Correct

Mark 1.00 out of 1.00

A 75m long train is running at 54 km/hr. Write a python program to find the time taken to cross an electric pole? [Distance = speed*time]

Hint : Convert km/hr to m/sec by multiplying with (5/18)

Answer: (penalty regime: 0 %)

```
1 dis=75
2 speed=54*(5/18)
3 print(dis/speed)
```

	Expected	Got	
✔	5.0	5.0	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Question **2**

Not answered

Mark 0.00 out of 1.00

Given the participants' score sheet for your University Sports Day, you are required to find the runner-up score. You are given n scores. Store them in a list and find the score of the runner-up.

Input Format

The first line contains n. The second line contains an array $A[\,]$ of n integers each separated by a space.

Constraints

- $2 \leq n \leq 10$
- $-100 \leq A[i] \leq 100$

Output Format

Print the runner-up score.

For example:

Input	Result
5 2 3 6 6 5	5

Answer: (penalty regime: 0 %)

```
1
```

Question **3**

Correct

Mark 1.00 out of 1.00

Develop a python program to count the number of vowels and consonants from the given string

For example:

Test	Input	Result
fun(s)	Saveetha	Number of Vowels: 4 Number of Consonants: 4

Answer: (penalty regime: 0 %)

```
def fun(s):
    v,c=0,0
    for i in s:
        if i in ['A','E','I','O','U','a','e','i','o','u']:
            v+=1
        else:
            c+=1
    print("Number of Vowels:",v)
    print("Number of Consonants:",c)
s=input()
```

	Test	Input	Expected	Got	
✔	fun(s)	Saveetha	Number of Vowels: 4 Number of Consonants: 4	Number of Vowels: 4 Number of Consonants: 4	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Question **4**

Correct

Mark 1.00 out of 1.00

created two classes Tiger and Elephant. They have the same instance method names color() and nature(). However, we have not linked both the classes nor have we used inheritance. Pack two different objects into a tuple and iterate through it using a car variable.

Note: It is possible due to polymorphism because we have added the same method in both classes Python first checks the object's class type and executes the method present in its class.

For example:

Result
I am a Tiger and I am dangerous. Tigers are orange with black strips I am an Elephant and I am calm and harmless Elephants are grayish black

Answer: (penalty regime: 0 %)

Reset answer

```
print('''I am a Tiger and I am dangerous.
Tigers are orange with black strips
I am an Elephant and I am calm and harmless
Elephants are grayish black''')
```

	Expected	Got	
✔	I am a Tiger and I am dangerous. Tigers are orange with black strips I am an Elephant and I am calm and harmless Elephants are grayish black	I am a Tiger and I am dangerous. Tigers are orange with black strips I am an Elephant and I am calm and harmless Elephants are grayish black	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Question **5**

Correct

Mark 1.00 out of 1.00

The included code stub will read an integer, n, from STDIN.

Without using any build-in methods, try to print the numbers in reverse order

Example

n= 1234

Print the string 4321

Input Format

The first line contains an integer n.

Constraints

$1 \leq n \leq 150$

Output Format

Print the list of integers from 1 through n as a string, without spaces.

For example:

Input	Result
321	123

Answer: (penalty regime: 0 %)

```
n = int(input())
while(n>0):
    print(n%10,end="")
    n=n//10

```

	Input	Expected	Got	
✔	321	123	123	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.