Started on	Saturday, 19 July 2025, 10:14 AM
State	Finished
Completed on	Saturday, 19 July 2025, 10:34 AM
Time taken	20 mins 2 secs
Grade	**80.00** out of 100.00

Question **1**

Not answered

Mark 0.00 out of 20.00

Write a Python Program to store the count the vowels in each string stored in a list using map ( )

For example:

Input	Result
3 bat eagle Apple	['bat', 'eagle', 'Apple'] [1, 3, 2]

Answer: (penalty regime: 0 %)

```
1
```

	Input	Expected	Got	
✔	3 bat eagle Apple	['bat', 'eagle', 'Apple'] [1, 3, 2]	['bat', 'eagle', 'Apple'] [1, 3, 2]	✔

Your code failed one or more hidden tests.

Your code must pass all tests to earn any marks. Try again.

Incorrect

Marks for this submission: 0.00/20.00.

Question **2**

Correct

Mark 20.00 out of 20.00

Type and display the elements pushed in stack.

Answer: (penalty regime: 0 %)

Reset answer

```
1  stack = []
2
3  stack.append('a')
4  stack.append('b')
5  stack.append('c')
6  print('Stack after elements are pushed:')
7  print(stack)
8
```

	Expected	Got	
✔	Stack after elements are pushed: ['a', 'b', 'c']	Stack after elements are pushed: ['a', 'b', 'c']	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **3**

Correct

Mark 20.00 out of 20.00

Type a python code to get 3 inputs from the user and insert in the stack. Print the 3 elements along with the respective index values.

Answer: (penalty regime: 0 %)

Reset answer

```python
1  stack = []
2
3  stack.append(input("Insert the first element:"))
4  stack.append(input("\nInsert the second element:"))
5  stack.append(input("\nInsert the third element:\n"))
6
7  print('Initial stack: ' + str(stack))
8
9  for i in range(len(stack)):
10     print(i,end=' ')
11     print(stack[i])
12
```

	Input	Expected	Got	
✔	23 34 65	Insert the first element: Insert the second element: Insert the third element: Initial stack: ['23', '34', '65'] 0 23 1 34 2 65	Insert the first element: Insert the second element: Insert the third element: Initial stack: ['23', '34', '65'] 0 23 1 34 2 65	✔
✔	0.9 Round off 1	Insert the first element: Insert the second element: Insert the third element: Initial stack: ['0.9', 'Round off', '1'] 0 0.9 1 Round off 2 1	Insert the first element: Insert the second element: Insert the third element: Initial stack: ['0.9', 'Round off', '1'] 0 0.9 1 Round off 2 1	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **4**

Correct

Mark 20.00 out of 20.00

From the list of candidates attended the first round of interview, slot number 1, 3 and 4 got shortlisted.

1. Print the names of the candidates attended the first round of interview.

2. Print the name of the candidates shortlisted in the first round of interview

Answer: (penalty regime: 0 %)

Reset answer

```
 1  interview = ['Ram', 'Siva', 'Joseph', 'Ijaz', 'Sasi', 'Reshma', 'Devi', 'Babu']
 2  result = []
 3  print("List of candidates appeared for first round of interview:")
 4  print(*interview, sep="\n")
 5  print( )
 6  shortlisted_slots = [1, 3, 4]
 7
 8  for i in shortlisted_slots:
 9      result.append(interview[i])
10
11  print(result)
12
```

	Expected	Got	
✔	List of candidates appeared for first round of interview: Ram Siva Joseph Ijaz Sasi Reshma Devi Babu ['Siva', 'Ijaz', 'Sasi']	List of candidates appeared for first round of interview: Ram Siva Joseph Ijaz Sasi Reshma Devi Babu ['Siva', 'Ijaz', 'Sasi']	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Correct

Mark 20.00 out of 20.00

Type a python code to add 4 elements in a queue.

Print the element present in the front and rear of queue.

Answer: (penalty regime: 0 %)

Reset answer

```python
1  queue = []
2
3  queue.append('a')
4  queue.append('b')
5  queue.append('c')
6  queue.append('d')
7
8  print('Initial Queue: ' + str(queue))
9
10 front = queue[0]
11
12 print("\nElement at the front of the queue is .... ", front)
13
14 rear = queue[3]
15
16 print("\nElement at the rear of the queue is .... ", rear)
17
18
```

	Expected	Got	
✔	Initial Queue: ['a', 'b', 'c', 'd'] Element at the front of the queue is .... a Element at the rear of the queue is .... d	Initial Queue: ['a', 'b', 'c', 'd'] Element at the front of the queue is .... a Element at the rear of the queue is .... d	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.