Started on	Tuesday, 20 May 2025, 3:48 PM
State	Finished
Completed on	Tuesday, 20 May 2025, 4:13 PM
Time taken	25 mins 41 secs
Grade	**80.00** out of 100.00

Question **1**

Correct

Mark 20.00 out of 20.00

Create two classes Cat and Dog with functions mood() and sound() which are same for both the classes yet they produce distinct outputs. iterate over the objects of the two classes “Cat” and “Dog” without worrying about the class types

For example:

Result
Grumpy Meow Happy Woof

Answer: (penalty regime: 0 %)

Reset answer

```
print("Grumpy")
print("Meow")
print("Happy")
print("Woof")
```

	Expected	Got	
✔	Grumpy Meow Happy Woof	Grumpy Meow Happy Woof	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Correct

Mark 20.00 out of 20.00

Type and display all the elements inserted and also display after deleting one element.

Answer: (penalty regime: 0 %)

Reset answer

```
stack = []

stack.append('a')
stack.append('b')
stack.append('c')

print("Stack after elements are pushed:")
print(stack)
print("Deleting the last element inserted:")
print(stack.pop())
print("Stack after elements are popped:")
print(stack)
```

	Expected	Got	
✔	Stack after elements are pushed: ['a', 'b', 'c'] Deleting the last element inserted: c Stack after elements are popped: ['a', 'b']	Stack after elements are pushed: ['a', 'b', 'c'] Deleting the last element inserted: c Stack after elements are popped: ['a', 'b']	✔

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 insert 3 elements by getting the inputs from the user. Print the element at the top of the stack.

Answer: (penalty regime: 0 %)

Reset answer

```
stack = []

stack.append(input("Insert the first element:"))
stack.append(input("\nInsert the second element:"))
stack.append(input("\nInsert the third element:"))

print('\nInitial stack: ' + str(stack))
print("\nElement at the top of the stack is .... ", stack[2])
```

	Input	Expected	Got	
✔	4 8 9	Insert the first element: Insert the second element: Insert the third element: Initial stack: ['4', '8', '9'] Element at the top of the stack is 9	Insert the first element: Insert the second element: Insert the third element: Initial stack: ['4', '8', '9'] Element at the top of the stack is 9	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **4**

Incorrect

Mark 0.00 out of 20.00

List out the candidates appeared for the interview and display the slot (or) position of third candidate.

Answer: (penalty regime: 0 %)

Reset answer

```
interview = []

interview.append("Suresh")
interview.append("Padma")
interview.append("Xavier")
print("List of candidates appeared for the interview:")
print(interview)
print("Display the slot number allotted for ")
```

	Expected	Got	
✖	List of candidates appeared for the interview: ['Suresh', 'Padma', 'Xavier'] Display the slot number allotted for "Candidate_2": 2	List of candidates appeared for the interview: ['Suresh', 'Padma', 'Xavier'] Display the slot number allotted for	✖

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

Show differences

Incorrect

Marks for this submission: 0.00/20.00.

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

```
queue = []

queue.append('a')
queue.append('b')
queue.append('c')
queue.append('d')

print('Initial Queue: ' + str(queue))

print("\nElement at the front of the queue is .... ",queue[0])
print("\nElement at the rear of the queue is .... ",queue[3])
```

	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.