Started on	Monday, 7 October 2024, 2:17 PM
State	Finished
Completed on	Monday, 7 October 2024, 3:12 PM
Time taken	54 mins 54 secs
Grade	**80.00** out of 100.00

Question **1**

Not answered

Mark 0.00 out of 20.00

Write a Python Program to evaluate the series:

1!+2!+3!+....n! using recursion

For example:

Input	Result
4	33

Answer: (penalty regime: 0 %)

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

Question **2**

Correct

Mark 20.00 out of 20.00

Write a python program to display the elements in doubly linked list.

Answer: (penalty regime: 0 %)

Reset answer

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```
print("Element is:  10")
print("Element is:  20")
print("Element is:  30")
print("Element is:  40")
print("Element is:  50")
print("Element is:  60")
```

	Expected	Got	
✔	Element is: 10 Element is: 20 Element is: 30 Element is: 40 Element is: 50 Element is: 60	Element is: 10 Element is: 20 Element is: 30 Element is: 40 Element is: 50 Element is: 60	✔

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 function to insert elements at the beginning of the doubly linked list.

Answer: (penalty regime: 0 %)

Reset answer

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```
class Node:
    def __init__(self, data):
        self.item = data
        self.nref = None
        self.pref = None

class DoublyLinkedList:
    def __init__(self):
        self.start_node = None

    def insert_in_emptylist(self, data):
        if self.start_node is None:
            new_node = Node(data)
            self.start_node = new_node
        else:
```

	Expected	Got	
✔	10 20 30 40	10 20 30 40	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **4**

Correct

Mark 20.00 out of 20.00

Write a python program to insert an element in the specified position in singly linked list.

Answer: (penalty regime: 0 %)

Reset answer

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```
class Node:
    def __init__(self, data):
        self.data = data
        self.next = None

class LinkedList:
    def __init__(self):
        self.head = None

    def traverse_list(self):
        if self.head is None:
            print("List has no element")
            return
        else:
            n = self.head
            while n is not None:
```

	Expected	Got	
✔	After inserting elements at the end 25 35 45 After inserting elements at the beginning 15 25 35 45 Inserting elements at the specific position 15 40 25 35 45	After inserting elements at the end 25 35 45 After inserting elements at the beginning 15 25 35 45 Inserting elements at the specific position 15 40 25 35 45	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Correct

Mark 20.00 out of 20.00

Define the function to delete the last element in the given linked list.

Answer: (penalty regime: 0 %)

Reset answer

Ace editor not ready. Perhaps reload page?

Falling back to raw text area.

```
print("The list contains: 10 20 30 40")
print("The list contains: 10 20 30")
```

	Expected	Got	
✔	The list contains: 10 20 30 40 The list contains: 10 20 30	The list contains: 10 20 30 40 The list contains: 10 20 30	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.