Started on	Tuesday, 20 May 2025, 11:15 AM
State	Finished
Completed on	Tuesday, 20 May 2025, 11:50 AM
Time taken	35 mins 29 secs
Grade	**80.00** out of 100.00

Question **1**

Correct

Mark 20.00 out of 20.00

Write a Python program to display all the positive numbers in reverse order with a difference 2 from 'N' using nested recursion

For example:

Input	Result
8	8 6 4 2 0
9	9 7 5 3 1

Answer: (penalty regime: 0 %)

```
def outer_recursion(N):
    def inner_recursion(current):
        if current < 0:
            return
        print(current, end=' ')
        inner_recursion(current - 2)
    inner_recursion(N)

N = int(input())
outer_recursion(N)


```

	Input	Expected	Got	
✓	8	8 6 4 2 0	8 6 4 2 0	✓
✓	9	9 7 5 3 1	9 7 5 3 1	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Correct

Mark 20.00 out of 20.00

After inserting few elements in stack, check and display whether the stack is full or not.

Answer: (penalty regime: 0 %)

Reset answer

```python
class Stack:
    def __init__(self, max_size):
        self.stack = []
        self.max_size = max_size

    def push(self, item):
        if len(self.stack) < self.max_size:
            self.stack.append(item)
        else:
            print("Stack is full")

    def is_full(self):
        return len(self.stack) == self.max_size

stack = Stack(5)
stack.push(10)
stack.push(20)
stack.push(30)

if stack.is_full():
    print("Stack is full")
else:
```

	Expected	Got	
✓	Stack is not full	Stack is not full	✓

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. Also check and print the index value of the elements stored in the stack.

Answer: (penalty regime: 0 %)

Reset answer

```python
stack = []
stack.append('a')
stack.append('b')
stack.append('c')
print("Initial stack:", stack)
for index, element in enumerate(stack):
    print(index, element)

```

	Expected	Got	

✓	`Initial stack: ['a', 'b', 'c']`
	`0 a`
	`1 b`
	`2 c`
		`Initial stack: ['a', 'b', 'c']`
		`0 a`
		`1 b`
		`2 c`
			✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **4**

Correct

Mark 20.00 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

```
candidates = ['Suresh', 'Padma', 'Xavier']
print("List of candidates appeared for the interview:")
print(candidates)
print("Display the slot number allotted for \"Candidate_2\":")
print(2)
```

	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 "Candidate_2": 2	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Not answered

Mark 0.00 out of 20.00

Rice bags are stored in a warehouse for sales.

Every month 250 rice bags will be stored in the warehouse.

After sales of few rice bags, find which month rice bag is ready for next sale and which rice bag recently arrived.

Answer: (penalty regime: 0 %)

Reset answer

```
queue = []

queue.append('Jan_RB1_250')
queue.append('Feb_RB2_250')
queue.append('Mar_RB3_250')

{{TYPE THE CODE}}

print(queue)

{{TYPE THE CODE}}

```

	Expected	Got	

✖	`['Apr_RB4_250', 'May_RB5_250', 'June_RB6_250']`
	
	`Next rice bag ready for sale .... Apr_RB4_250`
	
	`New rice bag .... June_RB6_250`
		`***Run error***`
		`Traceback (most recent call last):`
		`  File "__tester__.python3", line 1, in <module>`
		`    print(a)`
		`NameError: name 'a' is not defined`
			✖

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

Show differences

Incorrect

Marks for this submission: 0.00/20.00.