Started on	Friday, 7 March 2025, 2:11 PM
State	Finished
Completed on	Friday, 7 March 2025, 2:33 PM
Time taken	22 mins 12 secs
Grade	**80.00** out of 100.00

Question **1**

Correct

Mark 20.00 out of 20.00

Write a python program to create a stack with a maximum size of 5 using Lifo Queue. Get the input from the user and check whether the stack is full and then display the stack values in reverse order

For example:

Input	Result
4 10 20 30 40	False 40 30 20 10
5 2 4 6 8 3	True 3 8 6 4 2

Answer: (penalty regime: 0 %)

Reset answer

```
from queue import LifoQueue
stack = LifoQueue(maxsize=5)
n=int(input())
for i in range(n):
    stack.put(input())
print(stack.full())
for i in range(n):
    print(stack.get())
```

	Input	Expected	Got	
✔	4 10 20 30 40	False 40 30 20 10	False 40 30 20 10	✔

	Input	Expected	Got	
✔	5 2 4 6 8 3	True 3 8 6 4 2	True 3 8 6 4 2	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Not answered

Mark 0.00 out of 20.00

Develop a python program to add only the even unique numbers using appendleft() from n given numbers

For example:

Input	Result
5 2 5 8 2 4	deque([4, 8, 2])
6 3 5 2 8 2 5	deque([8, 2])

Answer: (penalty regime: 0 %)

```
1
```

Question **3**

Correct

Mark 20.00 out of 20.00

Write a python program to reverse a string using stack concept

For example:

Input	Result
Python	nohtyP

Answer: (penalty regime: 0 %)

```
def reverse_string(s):
    b=s[::-1]
    print(b)
s=input()
reverse_string(s)
```

	Input	Expected	Got	
✔	Python	nohtyP	nohtyP	✔

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 get the name, attendance and Id of a student and check they are eligible for exam using multiple inheritance

Note: attendance >75 eligible student else Not Eligible student

For example:

Input	Result
saveetha 21 88	saveetha 21 Eligible for Exam
sachin 22 71	sachin 22 Not Eligible for Exam

Answer: (penalty regime: 0 %)

```
class attendance:
    def __init__(self,name,age,mark):
        self.name=name
        self.age=age
        self.mark=mark
        print(self.name)
        print(self.age)
        if self.mark>75:
            print("Eligible for Exam")
        else:
            print("Not Eligible for Exam")
name=input()
age=int(input())
mark=int(input())
k=attendance(name,age,mark)

```

	Input	Expected	Got	
✔	saveetha 21 88	saveetha 21 Eligible for Exam	saveetha 21 Eligible for Exam	✔
✔	sachin 22 71	sachin 22 Not Eligible for Exam	sachin 22 Not Eligible for Exam	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Correct

Mark 20.00 out of 20.00

Develop a python program to get 5 values from the user and display the values using circular queue

For example:

Input	Result
1 2 3 4 5	1 2 3 4 5
10 20 30 40 50	10 20 30 40 50

Answer: (penalty regime: 0 %)

Reset answer

```
l=[]
for i in range(5):
    l.append(int(input()))
for i in l:
    print(i,end=" ")
```

	Input	Expected	Got	
✔	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	✔
✔	10 20 30 40 50	10 20 30 40 50	10 20 30 40 50	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.