

Started on	Monday, 5 May 2025, 9:20 AM
State	Finished
Completed on	Monday, 5 May 2025, 9:30 AM
Time taken	10 mins
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	False
10	40
20	30
30	20
40	10
5	True
2	3
4	8
6	6
8	4
3	2

Answer: (penalty regime: 0 %)

Reset answer

```
1 from queue import LifoQueue
2 stack = LifoQueue(maxsize=5)
3 n=int(input())
4 for i in range(n):
5     stack.put(input())
6 print(stack.full())
7 for i in range(n):
8     print(stack.get())
```

	Input	Expected	Got	
✓	4	False	False	✓
	10	40	40	
	20	30	30	
	30	20	20	
	40	10	10	
✓	5	True	True	✓
	2	3	3	
	4	8	8	
	6	6	6	
	8	4	4	
	3	2	2	

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Not answered

Mark 0.00 out of 20.00

Write a Python Program to subtract two matrices by reading the matrix from the user.**For example:**

Input	Result
3 3	[[3, 3, 3], [5, 5, 5], [7, 7, 7]]
3	[[1, 1, 1], [1, 1, 1], [1, 1, 1]]
3	[[2, 2, 2], [4, 4, 4], [6, 6, 6]]
3	
5	
5	
5	
7	
7	
7	
1	
1	
1	
1	
1	
1	
1	
1	
1	

Answer: (penalty regime: 0 %)

1		
---	--	--

Question **3**

Correct

Mark 20.00 out of 20.00

Develop a python programming to add a few fruits name in the [queue](#)(from rear end) without any duplication

For example:

Input	Result
5 Papaya Mango Guava Apple Mango	['Apple', 'Guava', 'Mango', 'Papaya']
3 Grapes Banana Grapes	['Banana', 'Grapes']

Answer: (penalty regime: 0 %)

```

1 import queue
2 q=[]
3 n=int(input())
4 for i in range(n):
5     x=input()
6     if x not in q:
7         q.append(x)
8 l=[]
9 for i in range(len(q)):
10     l.append(q.pop())
11 print(l)

```

	Input	Expected	Got	
✓	5 Papaya Mango Guava Apple Mango	['Apple', 'Guava', 'Mango', 'Papaya']	['Apple', 'Guava', 'Mango', 'Papaya']	✓
✓	3 Grapes Banana Grapes	['Banana', 'Grapes']	['Banana', 'Grapes']	✓

Passed all tests! ✓



Marks for this submission: 20.00/20.00.

Question **4**

Correct

Mark 20.00 out of 20.00

Write a python program to delete two neighboring non-identical letters(lower case and upper case) .

Example: AbBbA

lowercase b and uppercase B will get removed

For example:

Input	Result
leEetcode	leetcode

Answer: (penalty regime: 0 %)

```

1 def dele(r):
2     s=[]
3     for i in r:
4         if s and s[-1]==i.upper():
5             s.pop()
6         else:
7             s.append(i)
8     return "".join(s)
9 s=input()
10 r=dele(s)
11 print(r)
12

```

	Input	Expected	Got	
✓	leEetcode	leetcode	leetcode	✓

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 string values from the user and display the values using circular [queue](#)

For example:

Input	Result
4 Python Java C C++	Python Java C C++
5 Java C# C Python C++	Java C# C Python C++

Answer: (penalty regime: 0 %)

Reset answer

```

1 import queue
2 de=queue.Queue()
3 n=int(input())
4 for i in range(n):
5     x=input()
6     de.put(x)
7     print(de.get(),end=" ")

```

	Input	Expected	Got	
✓	4 Python Java C C++	Python Java C C++	Python Java C C++	✓
✓	5 Java C# C Python C++	Java C# C Python C++	Java C# C Python C++	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

