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	<b>80.00</b> out of 100.00

Question 1
Correct
Mark 20.00 out of 20.00

Write a python program to create a <u>stack</u> with a maximum size of 5 using Lifo <u>Queue</u>. Get the input from the user and check whether the <u>stack</u> is full and then display the <u>stack</u> 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
```

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

Marks for this submission: 20.00/20.00.

Question **2**Not answered

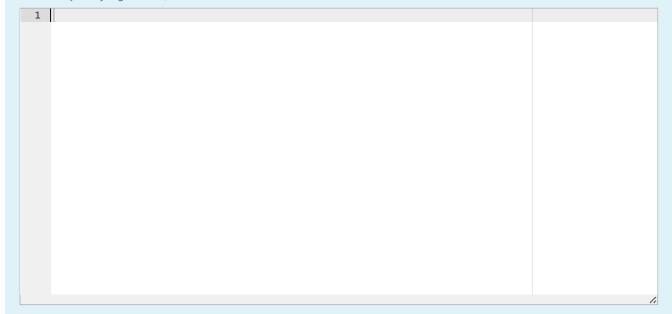
Mark 0.00 out of 20.00

# Write a Python Program to subtract two matrices by reading the matrix from the user.

## For example:

Input	Resu	lt							
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 %)



```
Question 3
Correct
Mark 20.00 out of 20.00
```

Develop a python programming to add a few fruits name in the <u>queue</u>(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())
   for i in range(n):
5
       x=input()
 6 ,
       if x not in q:
            q.append(x)
 7
8
   1=[]
9 for i in range(len(q)):
10
       1.append(q.pop())
11 | print(1)
```

	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

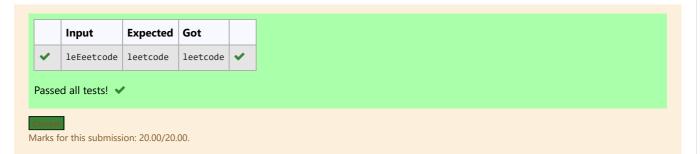
lowercase b and uppercase B will get removed

#### For example:

Input	Result	
leEeetcode	leetcode	

### Answer: (penalty regime: 0 %)

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



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 <u>queue</u>

### 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
```

```
import queue
de=queue.Queue()
n=int(input())
for i in range(n):
    x=input()
    de.put(x)
    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++	<b>*</b>

Passed all tests! 🗸

Marks for this submission: 20.00/20.00.