Started onThursday, 20 March 2025, 10:41 AMStateFinishedCompleted onThursday, 20 March 2025, 11:39 AM

Time taken 58 mins 14 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 <u>stack</u> with a maximum size of 7 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
Maths	Biology
Physics	Chemistry
Chemistry	Physics
Biology	Maths
7	True
Maths	English
Physics	Economics
Chemistry	History
Biology	Biology
History	Chemistry
Economics	Physics
English	Maths

Answer: (penalty regime: 0 %)

Reset answer

```
from queue import LifoQueue
stack = LifoQueue(maxsize=7)
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	False	False	~
	Maths	Biology	Biology	
	Physics	Chemistry	Chemistry	
	Chemistry	Physics	Physics	
	Biology	Maths	Maths	

	Input	Expected	Got	
~	7	True	True	~
	Maths	English	English	
	Physics	Economics	Economics	
	Chemistry	History	History	
	Biology	Biology	Biology	
	History	Chemistry	Chemistry	
	Economics	Physics	Physics	
	English	Maths	Maths	
asse	ssed all tests! ✓			
orrect	41-1 11-	-: 20 00 (2)	2.00	
	or this submis	sion: 20.00/20	0.00	

```
Question 2
Incorrect
Mark 0.00 out of 20.00
```

Develop a python program to remove 3 values from the user and display the values using circular gueue

For example:

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

Answer: (penalty regime: 0 %)

Reset answer

```
class MyCircularQueue():
 1 🔻
 2
        def __init__(self, k):
 3
            self.k = k
 4
            self.queue = [None] * k
 5
            self.head = self.tail = -1
 6
       def enqueue(self, data):
            if ((self.tail + 1) % self.k == self.head):
 7
                print("The circular queue is full\n")
 8
 9
            elif (self.head == -1):
10
                self.head = 0
11
                self.tail = 0
                self.queue[self.tail] = data
12
13
            else:
                self.tail = (self.tail + 1) % self.k
14
15
                self.queue[self.tail] = data
        def dequeue(self):
16
17
           #enter the code here
        def printCQueue(self):
18
19
20
    obj = MyCircularQueue(5)
21 🔻
    for i in range(5):
        obj.enqueue(int(input()))
```

Syntax Error(s)

Sorry: IndentationError: unindent does not match any outer indentation level (_tester_.python3, line 6)

Incorrect

Marks for this submission: 0.00/20.00.

Question **3**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

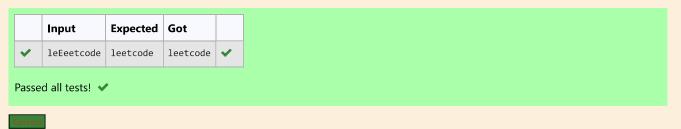
lowercase b and uppercase B will get removed

For example:

Input	Result	
leEeetcode	leetcode	

Answer: (penalty regime: 0 %)

```
1 v def fun(S):
 2
        1=[]
        for i in S:
 3 -
            if 1 and 1[-1]!=i and 1[-1].lower()==i.lower():
 4
 5
                1.pop()
            else:
 6 ,
                1.append(i)
 7
        return "".join(1)
 8
 9
    S=input()
10 print(fun(S))
```



Marks for this submission: 20.00/20.00.

Question 4
Correct
Mark 20.00 out of 20.00

Write a program in Python to calculate the value of the following expression by using lambda function.

The expression is -

(x * 10) + (y / 2) * z

For example:

Input	Result
10	120.0
20	

Answer: (penalty regime: 0 %)

```
1  | x=int(input())
2  | y=int(input())
3  | z=int(input())
4  | s=(x*10)+(y/2)*z
print(s)
```

	Input	Expected	Got	
~	10 2 20	120.0	120.0	~
~	20 3 10	215.0	215.0	~

Passed all tests! 🗸

Marks for this submission: 20.00/20.00.

```
Question 5
Correct
Mark 20.00 out of 20.00
```

Develop a python program to add few programming language in a queue(LIFO)

For example:

Input	Result
5	Python
Java	C#
С	R
R	С
C#	Java
Python	
3	ALGOL
COBOL	FORTRAN
FORTRAN	COBOL
ALGOL	

Answer: (penalty regime: 0 %)



Passed all tests! ✓

Marks for this submission: 20.00/20.00.