

Started on Saturday, 10 May 2025, 9:42 AM

State Finished

Completed on Saturday, 10 May 2025, 9:58 AM

Time taken 15 mins 32 secs

Grade 100.00 out of 100.00

Question 1

Correct

Mark 20.00 out of 20.00

Write a python program to check whether the number '28' is even number is odd.

For example:

Input	Result
28	28 is even

Answer: (penalty regime: 0 %)

```

1 a=int(input())
2 if(a%2==0):
3     print(f"{a} is even")
4 else:
5     print(f"{a} is odd")
6
7

```

	Input	Expected	Got	
✓	28	28 is even	28 is even	✓
✓	23	23 is odd	23 is odd	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Correct

Mark 20.00 out of 20.00

Type and display the elements pushed in stack.

Answer: (penalty regime: 0 %)

Reset answer

```
1 stack = []
2
3 stack.append('a')
4 stack.append('b')
5 stack.append('c')
6 print("Stack after elements are pushed:")
7 print(stack)
```

	Expected	Got	
✓	Stack after elements are pushed: ['a', 'b', 'c']	Stack after elements are pushed: ['a', 'b', 'c']	✓

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 by getting the inputs from the user. Print the element at the top of the stack.

Answer: (penalty regime: 0 %)

Reset answer

```

1 stack = []
2 print("Insert the first element:")
3 stack.append(input())
4 print("Insert the second element:")
5 stack.append(input())
6 print("Insert the third element:")
7 stack.append(input())
8 print('Initial stack: ' + str(stack))
9 for i in range(len(stack)):
10     top=stack[i]
11
12 print("\nElement at the top of the stack is .... ", top)

```

	Input	Expected	Got	
✓	4 8 9	Insert the first element: Insert the second element: Insert the third element: Initial stack: ['4', '8', '9'] Element at the top of the stack is 9	Insert the first element: Insert the second element: Insert the third element: Initial stack: ['4', '8', '9'] Element at the top of the stack is 9	✓

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.

There are two candidates under the name of "Ram". Find and display the slot numbers of both "ram" who came for the interview.

Answer: (penalty regime: 0 %)

Reset answer

```

1 interview = []
2
3 interview.append("Ram")
4 interview.append("Priya")
5 interview.append("John")
6 interview.append("Vignesh")
7 interview.append("Reshma")
8 interview.append("Ram")
9 interview.append("Meeran")
10 interview.append("Sai kumar")
11
12 print("List of candidates appeared for the interview:")
13 print(interview)
14 print("Display the slot numbers of the candidates with same name:")
15 print(interview.index("Ram",0,8))
16 print(interview.index("Ram",1,8))

```

	Expected	Got	
✓	<p>List of candidates appeared for the interview:</p> <p>['Ram', 'Priya', 'John', 'Vignesh', 'Reshma', 'Ram', 'Meeran', 'Sai kumar']</p> <p>Display the slot numbers of the candidates with same name:</p> <p>0</p> <p>5</p>	<p>List of candidates appeared for the interview:</p> <p>['Ram', 'Priya', 'John', 'Vignesh', 'Reshma', 'Ram', 'Meeran', 'Sai kumar']</p> <p>Display the slot numbers of the candidates with same name:</p> <p>0</p> <p>5</p>	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Correct

Mark 20.00 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

```

1 queue = []
2
3 queue.append('Jan_RB1_250')
4 queue.append('Feb_RB2_250')
5 queue.append('Mar_RB3_250')
6
7 queue.pop(0)
8 queue.append('Apr_RB4_250')
9 queue.append('May_RB5_250')
10 queue.append('June_RB6_250')
11 queue.pop(0)
12 queue.pop(0)
13
14 print(queue)
15
16 front=queue[0]
17 print("\nNext rice bag ready for sale ....",front)
18 rear=queue[2]
19 print("\nNew rice bag ....",rear)

```

	Expected	Got	
✓	['Apr_RB4_250', 'May_RB5_250', 'June_RB6_250']	['Apr_RB4_250', 'May_RB5_250', 'June_RB6_250']	✓
	Next rice bag ready for sale Apr_RB4_250	Next rice bag ready for sale Apr_RB4_250	
	New rice bag June_RB6_250	New rice bag June_RB6_250	

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.