S.No: 24	Exp. Name: *List of Odd squares*	Date:2024-08-20

Aim:

The given Python program defines two functions **odd_checker** and **square_list**, both functions take the list as the argument

square_list: This function squares each element of the list that has passed and returns the list of squares.
odd_checker: This function filters out the odd numbers from the list that has passed and returns a list of odd numbers.

Your task is to write the required logic in the function's body in accordance with the functionalities given.

Input format:

   • The input is the list of integers separated by comma(,)

Output format:

   • The output is the list of integers that represents a list of squared odd numbers from the input list.

Note: For simplicity, the code for reading input & printing output has already been given. You just need to fill the code in the body of the functions given.

Source Code:

func_comp.py

```python
def odd_checker(lst):

# write your code...
    list=[]
    for i in lst:
        if i%2!=0:
            list.append(i)
    return list

def square_list(lst):

# write your code...
    num=[]
    for i in lst:
        r=i*i
        num.append(r)
    return num

input_lst = list(map(int,input().split(",")))
print(odd_checker(square_list(input_lst)))
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
1,2,3,4,5,6
[1, 9, 25]

Test Case - 2
User Output
-6,-9,-10,-11
[81, 121]