S.No: 16	Exp. Name: *Write a program to find a given element, if the element to be found and its next element are the same then return True as output, otherwise return False.*	Date:2024-04-25

Aim:

Write a program to find the given element in a list. If the element to be found and its next element are the same, then return **True**, otherwise return **False**.

Sample Input and Output - 1:

```
list1: 32,36,36,5
num: 36
True
```

Sample Input and Output - 2:

```
list1: 33,34,35
num: 34
False
```

Source Code:

List15.py

```python
#write your code here
data=input("data: ")
my_list=data.split(",")
size=len(my_list)
for i in range(size):
    my_list[i]=int(my_list[i])
print("list:",my_list)
find=int(input("num: "))
for i in range(0,len(my_list)-1):
    if my_list[i]==find:
        if my_list[i+1]==find:
            result="True"
            break
    else:
        result="False"
print(result)
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
data: 10,20,30
list: [10, 20, 30] 20
num: 20
False

Test Case - 2

User Output
data: 10,20,20,30
list: [10, 20, 20, 30] 20
num: 20
True