

Aim:

Write a python program to demonstrate membership operator.

Predefined list of integers is already provided to you.

Input:

- The program should prompt the user to enter an integer number.

Output:

- Use "in" operator to check whether the given integer is present in the list or not and print the result.
- Use "not in" operator to check whether the given integer is not present in the list and print the result.

Source Code:

membership.py

```

num_list = [1, 2, 3, 4, 5, 15, 25, 89, 54, 123, 489]
a=int(input(""))
if (a in num_list):
    print("True")
    print("False")
else:
    print("False")
    print("True")

```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
21
False
True

Test Case - 2
User Output
-3
False
True

Test Case - 3
User Output
5
True
False

Test Case - 4
User Output
54
True
False