

# Experiment 01 - Exercise 13: Membership Operator

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## Objective

Use the membership operator `in` to check whether a number exists in a given sequence.

## Input

An integer `n`.

## Output

Print whether `n` is present in the sequence (10, 20, 56, 78, 89).

## Approach

Store the sequence in a tuple and use:

```
n in seq
```

## Time Complexity

$O(m)$  where  $m$  is the length of the sequence (here  $m = 5$ ).