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## Python: Check if a given value is present in a set or not

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### Python sets: Exercise-16 with Solution

Write a Python program to check if a given value is present in a set or not.

#### Sample Solution:

Python Code:

```
1  nums = {1, 3, 5, 7, 9, 11}
2  print("Original sets(nums): ",nums,"\n")
3  print("Test if 6 exists in nums:")
4  print(6 in nums)
5  print("Test if 7 exists in nums:")
6  print(7 in nums)
7  print("Test if 11 exists in nums:")
8  print(11 in nums)
9  print("Test if 0 exists in nums:")
10 print(0 in nums)
11 print("\nTest if 6 is not in nums")
12 print(6 not in nums)
13 print("Test if 7 is not in nums")
14 print(7 not in nums)
15 print("Test if 11 is not in nums")
16 print(11 not in nums)
17 print("Test if 0 is not in nums")
18 print(0 not in nums)
```

Sample Output:

```
Original sets(nums): {1, 3, 5, 7, 9, 11}
```

```
Test if 6 exists in nums:
```

```
False
```

```
Test if 7 exists in nums:
```

```
True
```

```
Test if 11 exists in nums:
```