

Write a program to check duplicate values ??in Python

In this article, TipsMake.com will learn with you how to write a program to determine duplicate values ??in the Python programming language.

Topic : Check if an array or any data structure has duplicate values. A duplicate value is a value that occurs at least twice in an array or in a list or data structure.

Example :

Input: [1, 2, 3, 1] Output: True

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To write a duplicate value checker program in Python, we need to declare a Python function that can take a list of values ??of any data type. Here is the sample code of the duplicate value checker program in Python:

```
def containsDuplicate(nums): for i in range(len(nums)): for j in range(i + 1, len(nums)):
```

The returned result is:

True

The function above works like this:

1. A loop is run from the first position (i) to the last position of the array.
2. Another loop is run from position $j = i + 1$ to the end of the array.
3. If the number at position i is equal to the number at position j, return True.
4. Otherwise, return False.

You can use this Python function for any data type.

Conclude

Checking for duplicates in an array or in any data structure is one of the common interview questions. In interviewing or testing candidates' qualifications, you need to use an algorithm to solve this problem.

TipsMake.com hopes that this article will be useful to you.

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