

## 217. Contains Duplicate

// code

```
class Solution {
```

```
public:
```

```
    bool containsDuplicate(vector<int>& nums) {
```

```
        set<int> duplicate(nums.begin(), nums.end());
```

```
        if (duplicate.size() == nums.size())
```

```
            return false;
```

```
        return true;
```

```
    }
```

```
};
```

The screenshot displays the LeetCode submission page for the 'Contains Duplicate' problem. The top section shows the problem status as 'Accepted' with 76/76 testcases passed. The user 'Rahul kumar' submitted the solution on Feb 04, 2025 at 11:06. The performance metrics are 79 ms (Beats 5.29%) and 77.18 MB (Beats 7.95%). A bar chart shows the runtime distribution across various time intervals. The code editor on the right contains the C++ solution, which uses a set to check for duplicates. The test result section shows 'Accepted' for Case 2 with the input [1,2,3,4].

```
class Solution {
public:
    bool containsDuplicate(vector<int>& nums) {
        set<int> duplicate(nums.begin(), nums.end());

        if (duplicate.size() == nums.size())
            return false;

        return true;
    }
};
```