Unique Characters in String

Problem

Given a string, determine if it is compreised of all unique characters. For example, the string 'abcde' has all unique characters and should return True. The string 'aabcde' contains duplicate characters and should return false.

Solution

We'll show two possible solutions, one using a built-in data structure and a built in function, and another using a built-in data structure but using a look-up method to check if the characters are unique.

Test Your Solution

```
In [3]:
    RUN THIS CELL TO TEST YOUR CODE>
    """
    from nose.tools import assert_equal

    class TestUnique(object):
        def test(self, sol):
            assert_equal(sol(''), True)
            assert_equal(sol('goo'), False)
            assert_equal(sol('abcdefg'), True)
            print('ALL TEST CASES PASSED')

# Run Tests
t = TestUnique()
t.test(uni_char)
```

ALL TEST CASES PASSED

Good Job!