ISOMORPHIC STRINGS

☆ In this problem, we are given two strings s and t, and our job is to return true if they are isomorphic and false if they aren't

Two strings are isomorphic if every unique letter in s can be mapped to another letter to get t.

Solution to this problem is pretty straightforward using maps. We iterate through each string and check if its mapping exists. If it does we check for consistency and continue

Pseudocode :

```
isIsomorphic(s, t, N) {
    map m1, m2;
    for (i = 0 → N-1) {
        key = s[i]
        value = t[i]
        if (!m1.find(key)) {
            m1[key] = value
        } else if (m1[key] != value) {
            return false
        }
        if (!m2.find(value)) {
            m2[value] = key
        } else if (m2[value] != key) {
```

```
            return false
        }
    }
    return true
}
```