

## Scope and findCity (Brad Boratto, ICS4)

Scope is when variables only exist within the block of code they are declared. Examples are in question 2.

```
int findCity(String[] cities, String target) {
    for(int i = 0; i < cities.length; i++) {
        if(cities[i] == target)
            return i;
    }
    // getting i here would throw ReferenceError
    // (it's out of scope)
    return -1;
}
// getting target here would throw ReferenceError

String[] cities = { "Toronto", "Montreal", "Calgary" };
String[] target = "Vancouver";
System.out.println(findCity(cities, target));
// not in array, returns -1
```