

STRING REVIEW: EQUALS()

```
public boolean isSummer(String month)
```

Given the name of a month, determine whether it is a summer month ("June", "July" or "August"). If it is, return true. Otherwise return false.

Although **startsWith()** can be used to solve many problems, occasionally it is not the best choice.

Sometimes the best choice is **equals()**, as for this problem.

```
public boolean isSummer(String month) {
    boolean summer = false;
    if (month.equals("June")) {
        summer = true;
    }
    if (month.equals("July")) {
        summer = true;
    }
    if (month.equals("August")) {
        summer = true;
    }
    return summer;
}
```

NOTE: that if you have 3 successive **IF** statements, they can be collapsed into a single statement if you separate them with **||** (OR).

```
public boolean isSummer(String month) {
    boolean summer = false;
    if ( month.equals("June") || month.equals("July") || month.equals("August") ) {
        summer = true;
    }
    return summer;
}
```

```
public boolean isSummer(String month) VERSION 2
```

The String method **equals()** is **case-sensitive** i.e. capital and lowercase letters will not match.

There is a second version named **equalsIgnoreCase()** that is **case-INSENSITIVE**.

If you use **equalsIgnoreCase()**, all of the following will match: "June", "JUNE", "june" and even "JUne" and "juNE".

```
public boolean isSummer(String month) {
    boolean summer = false;
    if (month.equalsIgnoreCase("june")) {
        summer = true;
    }
    if (month.equalsIgnoreCase("JULY")) {
```

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```
    summer = true;
}
if (month.equalsIgnoreCase("august")) {
    summer = true;
}
return summer;
}
```

Note that another way to code this, if you want to use **equals()** is to use **toLowerCase()**

```
public boolean isSummer(String month) {
    boolean summer = false;
    month = month.toLowerCase();
    if (month.equals("june")) {
        summer = true;
    }
    if (month.equals("july")) {
        summer = true;
    }
    if (month.equals("august")) {
        summer = true;
    }
    return summer;
}
```