LOGICAL OPERATORS

- !   NOT

- &&   AND

- || OR

- ==   EQUAL

- !=   NOT EQUAL

- ^   EXCLUSIVE OR (don't worry

about this one)

Note the difference between == and = and be careful to use the right one:

= is assignment and it saves the object on the right in the object on the left

== is logical equality. It asks a question, are both sides the same?

LOGICAL OPERATOR PRACTICE

- What prints if:
  - i = 1; j = 0;
  - i = 2; j = 1;
  - i = 3; j = 0;

```cpp
if ((( i == 1) || (i - j > 2)) && (i = i + 1))
    cout << i << " " << j;
    cout << "The if statement was false";
```