# Intermediate R

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## Relational Operators

Relational operators tell how one object relates to another. There are a variety of relational operators that you have used before in mathematics, but take on a slightly different feel in computer science.

- **Equality & Inequality**: This type of operator tells whether an object is equivalent to another object, or its negation.

```
# write R code to see if
    # TRUE equals FALSE.
    # if -6 * 14 is not equal to 17 - 101
    # if the strings "useR" and "user" are equal
    # are TRUE and 1 equal?
```

- **Greater & Less**: These statements should be familiar, with a bit of a notation twist. To write a greater than or equal to statement you would you `= >` in your statement, and similarly with less than or equal to.

```
# write R code to see if
    # -6 * 5 + 2 is greater than or equal to -10 + 1
    # "raining" is less than or equal to "raining dogs"
    # TRUE is greater than FALSE
```