SYNTAX OF AN `if...else` STATEMENT

```
x <- 7

if(x >= 10) {
  print("x exceeds acceptable tolerance levels")
} else if(x >= 0 & x < 10) {
  print("x is within acceptable tolerance
levels")
} else {
  print("x is negative")
}
[1] "x is within acceptable tolerance levels"
```

And we can expand this further to include multiple test expressions.

YOUR TURN - PART 1

In your data folder you have many data sets. You want to create an if else control statement that will look to see if a particular "Month-XX.csv" file exists in this folder. For Part 1, build your if-else statement so that you create the appropriate file name based on a month input:

```
file_1 <- "Month-"
file_2 <- ".csv"
month <- 13

if (month %in% 1:9) {
 …
} else if (month %in% 10:12) {
 …
} else {
 …
}
```

If **month** equals 1-9 the output should look like "Month-08.csv"

If **month** equals 10-12 the output should look like "Month-12.csv"

If **month** is not 1-12 the output should look like "Invalid month"