3. Strings and Characters

Exercise 3.1

Create the string "Detroit Red Wings" from the following variables/constants and assign it to the constant `hockeyTeam`:

```
let city: String = "Detroit"
var color = "Red"
let wings = "Wings"
```

First do it using concatenation and then again using interpolation.

Exercise 3.2

Assign the length of the string "4, 8, 15, 16, 23, 42" to the variable `length`.

Exercise 3.3

The book states that you can modify/mutate a string by making it a variable and not a constant, as follows:

```
var variableString = "Detroit"
variableString += " Red Wings"
```

How does this work with regards to strings being value types?