Here is where the **flow control** comes into play. In order to have branching code that does not do the same thing every time we execute it, we need to make use of instructions such as **if**, **else** and **match**.

A simple example would be to check the value of a number and show different answers based on that. If we run the code and change the value, we can see that the response gets changed accordingly.

The match instruction offers more flexibility. We need to provide an expression and then, based on the single value it returns, to get a code branch.

Let's take for example a string that can be of different types.

Flow control does not stop at if, else and match! The code can also be repeated using **while** and **for** instructions.

While can be used to decrease values. Let's see an example.

For can be used to enumerate lists of elements for numbers. Let's enumerate a list and numbers.