

## Exercise Python loops, lists and how to read an error in code and improve

Students will leverage knowledge of loops to create multiple incrementing and decrementing counters as well as doing basic operations on some data types before looping over them

### Instructions

1. Create a variable
2. Increment the value of the variable inside **for** loop
3. Do the same steps with **while** Loop
4. Create python lists
5. Loop over the list and print the list's elements
6. Apply changes to the list's elements and print them once again. Hint (use `append()`, ...)
7. Duplicate a Syntax error and fix it
  
8. [Bonus] Add condition to print only even numbers inside the loops (intro to next session's topic)

Tools: [Online Python](#)