

Session 5 Exercises

Exercise 5.1

Create a to-do list program that writes user input to a file

The program should:

- Ask the user to input a new to-do item
- Read the contents of the existing to-do items
- Add the new to do item to the existing to-do items
- Save the updated to-do items

You will need to manually create a new file called **todo.txt** in the same folder as your program before you start

Exercise 5.2

This program is supposed to read data about trees from a file to find the shortest tree. Complete the program adding code to open **trees.csv**.

The **trees.csv** file included with your student guides. Save the csv file in the same folder as your Python program.

```
spreadsheet = # Add code to open the csv file

heights = []

for row in spreadsheet:
    tree_height = row['height']
    heights.append(tree_height)

shortest_height = min(heights)
print(shortest_height)
```

Exercise 5.3

Get the **height** and **weight** of a specific Pokemon and print the output

Extension: Print the names of all of a specific Pokemon's moves