Part 1 - CSV Change del\_1a.py and print the number of the different species on the terminal (ART, column 12) Change del\_1b.py and plot only the companies that raise Salmon (ART, column 12) Change del\_1c.py and plot FRESH WATER and SALT WATER with different colors (see WATER ENVIRONMENT, column 20) Change del\_1d.py and come up with another interesting question about the dataset and implement it. The tests in part 1 only check that the code is running, they do not look at the output. It only happens manually when we correct

Part 2 - Garden You and your neighbor both have equally large gardens. Their gardens are represented as 2D lists, where the garden [i] [j], gives an element to the position (i, j). Each element of a garden is represented as a string, and can be any of the following: "grass", "moss", "strawberry", "rock", "raspberry". You have recently seen that there has been a lot of moss and stone in your garden, and suspect that it is your neighbor who has put it there. To fix this, complete the clean\_garden (my\_garden, neighbors\_garden) function. Here you will first create small functions to make it easier to solve the actual task. Finally, replace each stone and moss from your garden with the first strawberry and raspberry from your neighbor's garden (the two items to be replaced do not have to be in the same position). Create a function find\_item that takes in two arguments: (garden, item), which returns an (i, j) position as a tuple, whose item is in the garden. If it does not exist, return None Create a function swap\_items that exchanges two elements between two gardens, let it take in these arguments: (garden1, garden2, pos1, pos2), where pos1 and pos2 are (i, j) doubles. Here you should not return anything, but change the lists you receive as arguments. Use the functions you have defined to complete clean\_garden (my\_garden, neighbors\_garden): Replace all "rock" with "strawberry", and "moss" with "raspberry" from your neighbor's garden as long as there are opportunities for exchange.

