Read a CSV file to a 2D list

# Code snippet .

Reads a CSV file and copies the data into a 2D list whilst removing the additional, unwanted white space and the commas from each line

| 1  2  3  4  5  6  7  8  9  10 | file = open("players.csv", "r")  data = []  for line in file:  line = line.strip() # strips the line space \n  line = line.split(",") # splits the line at the comma  data.append(line)  file.close() |
| --- | --- |

Challenge 1 .Ask for a player name and return the score

**Preparation**

Make sure that you have saved the players.csv file in the same place as your Python file. You can find the file at:

**NOTE TO TEACHER — ENTER THE LOCATION HERE**

**Challenge**

Create a program that performs the following:

* Reads data from the players.csv file
* Asks the user to enter a player name
* Displays the score for that player

**Example output**

| Enter a player name:  DinoFish  The last score for DinoFish was 0  >>> |
| --- |

**Hint:** The in operator might help you with this program

**Test your code then enter it below:**

|  |
| --- |

# Challenge 2 .Investigate weather data

**Preparation**

Make sure that you have saved the weatherdata.csv file in the same place as your Python file. You can find the file at:

**https://drive.google.com/file/d/1-v0HmRNs5\_mmaikaRLhkvdYI3YNQai9N/view?usp=sharing**

**Challenge**

Create a program that performs the following:

* Reads the weatherdata.csv file
* Displays highest recorded rainfall along with the data and timestamp

**Example input/output**

| Highest recorded rainfall: 28.82 on 04/10/2019 17:30:00  >>> |
| --- |

**Tip:** You might want to take a look at the CSV file and see how the data has been arranged before planning your program.

**Test your code then enter it below:**

|  |
| --- |

# Explorer task . Read players.csv to a dictionary

Using the CSV file from the first challenge, add the data to a list of dictionaries instead of a 2D list.

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# 