

## Exercise Day 4

### Exercise 1)

Calculate exactly how old Shiva is to the day.

### Exercise 2)

Open the file Datumsspass.txt in Python and read the individual rows.

### Exercise 3)

Standardize the formatting of the date entries in Datumsspass.txt, the specific format is up to you.

### Exercise 4)

Save the formatted dates to a new file.

### Exercise 5)

Write a new script with the following requirements:

- Every input must be through the console.
- The input must be:
  - o Name
  - o Favourite colour
  - o Favourite animal
- Save this information in a readable format to .txt and as .csv.
- The .csv file should be easily readable with excel.

*Hint: In .csv, you must pay attention to the delimiter!*

### Exercise Stadt Land Fluss)

Write a program to play Stadt Land Fluss! The following requirements should be fulfilled:

- A nice and pretty greeting in the console.
- Questions for input of the game:
  - o Letter
  - o Name
  - o City
  - o Country
  - o River
  - o Fruit
  - o Vegetable
  - o Colour
  - o Something of your choosing

- The result should be output in a .txt file in a subdirectory of your project. The result should include:
  - Name
  - Letter
  - Inputs
  - Time from the first question (city) to the end of the questions.
  - Please display the time in a readable format.
  - Check if you are faster than 1 minute and include the result in the output.
  - Pay attention to a pleasant presentation when outputting the results.

**Important:** Please refrain from implementing any checks. This will be an exercise next week after queries have been covered.

Exercise Stadt Land Fluss\_2)

Play together with other people! 😊