Task Description:

* Read the file 'temperatures.csv' which has been downloaded from the German weather service and contains timestamps and temperatures.
* Convert the time steps of the temperature data to 15-minutes-intervals, using interpolation.
* Find the hottest and coldest temperature values for every year and their time of occurrence. Store this information in a human-readable file (csv or other text file or graphic).
* Plot the temperatures for the hottest days of each provided year onto the same axis, over time of day.
* Do the same for the coldest days of each year.
* Perform one more analysis that you find interesting on the same data.

General hints:

* Use Python 3 for your solution.
* Provide comments in English where appropriate.
* Feel free to ask questions if unsure.
* If you use extensive resources or copy large chunks of code, please provide the source in the comments.
* Split your code into several files, use and reuse functions where appropriate.
* Bonus: Use Git, and hand in a Git repository (local copy is sufficient).