Prüfungsformular für Bewerber von IAW

Name: _____   **Datum:** _____

Aufgabe D006:

Create a program that will read and structure a log file from a time stamp machine.

It's given a txt format log file, which is written automatically. The task is to read, analyze and structure the data in a way, that an ordinary PC user to understand.

Example of log file content:

```
25/10/2021 06:43:18:  Dwight Schrute...............25.10.2021 06:43:11...........CheckIn
25/10/2021 07:00:25:  Michael Scott.................25.10.2021 07:00:25...........CheckIn
25/10/2021 07:22:29:  Jim Halpert..................25.10.2021 07:22:23...........CheckIn
25/10/2021 07:25:34:  Pam Beesly...................25.10.2021 07:25:34...........CheckIn
25/10/2021 15:20:02:  Dwight Schrute...............25.10.2021 15:19:56...........CheckOut
```

As output write file in **xml**(or **json**) format. Format and syntax of output file is absolutely up to you.

Basic requirements for output file are next: should be easy to understand how many hours worked each user, for each work day, with timestamp for start and end day and breaks.

Hint: workday hours are 08:00 – 16:30. Although it is possible to accumulate overtime hours.

Verwendete Technologien _____

Benötigte Zeit: _____

Note: _____

Prüfer: _____