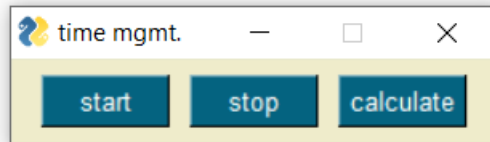# time management software

To start the software, the "time_management.exe" must be double-clicked.

The time management software is written in Python and is operated with a GUI and writes the working hours in a text file that is created automatically. For the calculation, the program reads the last line or the calculate line and calculates the daily result and the total calculation. Eight hours are as the basis for one day.

If, for example, overtime has been reduced, this can be adjusted manually in the last calculate line.

```
start 2023-03-17 17:07:29.342563 n
stop 2023-03-17 17:08:05.646155 36
start 2023-03-17 17:08:11.958555 36
stop 2023-03-17 17:08:47.006173 71
start 2023-03-17 17:09:19.230156 71
stop 2023-03-17 17:09:20.805765 72
calculate 2023-03-17 17:09:33.326179 72 | hours: 0 | minutes: 1 | calculation day: -7.98 | total calculation: -31.95306


start 2023-03-20 17:10:01.661142 n
stop 2023-03-20 17:10:08.613397 6
calculate 2023-03-20 17:10:09.270144 6 | hours: 0 | minutes: 0 | calculation day: -7.99833 | total calculation: -39.95139
```