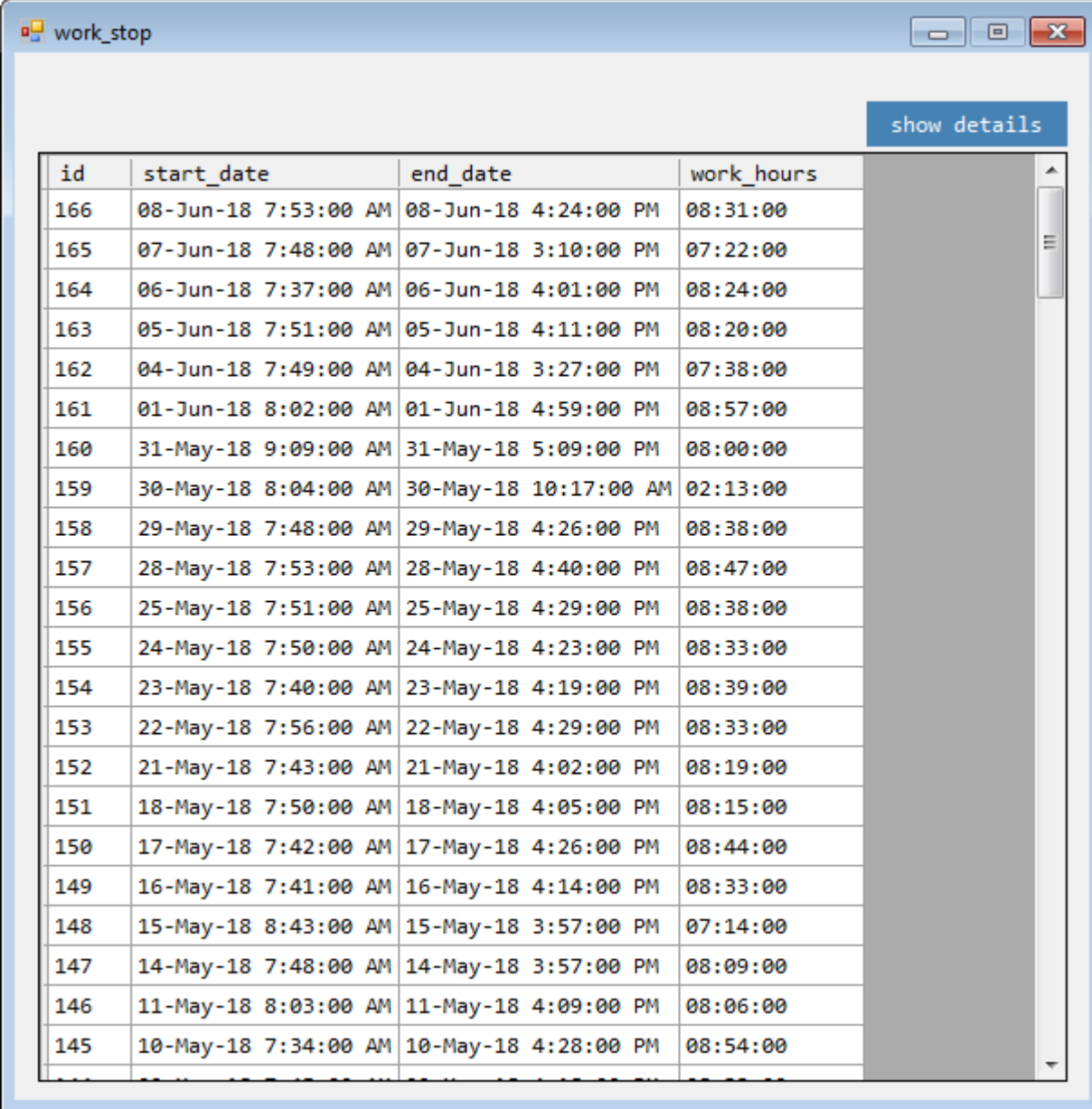


work_stop



id	start_date	end_date	work_hours
166	08-Jun-18 7:53:00 AM	08-Jun-18 4:24:00 PM	08:31:00
165	07-Jun-18 7:48:00 AM	07-Jun-18 3:10:00 PM	07:22:00
164	06-Jun-18 7:37:00 AM	06-Jun-18 4:01:00 PM	08:24:00
163	05-Jun-18 7:51:00 AM	05-Jun-18 4:11:00 PM	08:20:00
162	04-Jun-18 7:49:00 AM	04-Jun-18 3:27:00 PM	07:38:00
161	01-Jun-18 8:02:00 AM	01-Jun-18 4:59:00 PM	08:57:00
160	31-May-18 9:09:00 AM	31-May-18 5:09:00 PM	08:00:00
159	30-May-18 8:04:00 AM	30-May-18 10:17:00 AM	02:13:00
158	29-May-18 7:48:00 AM	29-May-18 4:26:00 PM	08:38:00
157	28-May-18 7:53:00 AM	28-May-18 4:40:00 PM	08:47:00
156	25-May-18 7:51:00 AM	25-May-18 4:29:00 PM	08:38:00
155	24-May-18 7:50:00 AM	24-May-18 4:23:00 PM	08:33:00
154	23-May-18 7:40:00 AM	23-May-18 4:19:00 PM	08:39:00
153	22-May-18 7:56:00 AM	22-May-18 4:29:00 PM	08:33:00
152	21-May-18 7:43:00 AM	21-May-18 4:02:00 PM	08:19:00
151	18-May-18 7:50:00 AM	18-May-18 4:05:00 PM	08:15:00
150	17-May-18 7:42:00 AM	17-May-18 4:26:00 PM	08:44:00
149	16-May-18 7:41:00 AM	16-May-18 4:14:00 PM	08:33:00
148	15-May-18 8:43:00 AM	15-May-18 3:57:00 PM	07:14:00
147	14-May-18 7:48:00 AM	14-May-18 3:57:00 PM	08:09:00
146	11-May-18 8:03:00 AM	11-May-18 4:09:00 PM	08:06:00
145	10-May-18 7:34:00 AM	10-May-18 4:28:00 PM	08:54:00

In the **initial list** you can see the **previous days** working hours.

If you multiselect the rows a time summation will appear.

work_stop

0hr 0mn 0sec

show per day

id	datestamp	endstamp	lock_work
3191	2018-06-07 07:52		1
3190	2018-06-07 07:48	2018-06-07 16:18	0
3189	2018-06-06 16:01		1
3188	2018-06-06 15:42		0
3187	2018-06-06 15:30		1
3186	2018-06-06 14:42		0
3185	2018-06-06 14:14		1
3184	2018-06-06 13:22		0
3183	2018-06-06 13:13		1
3182	2018-06-06 12:28		0
3181	2018-06-06 12:11		1
3180	2018-06-06 12:06		0
3179	2018-06-06 11:27		1
3178	2018-06-06 11:18		0
3177	2018-06-06 10:41		1
3176	2018-06-06 10:15		0
3175	2018-06-06 09:52		1
3174	2018-06-06 08:51		0
3173	2018-06-06 08:24		1
3172	2018-06-06 07:54		0
3171	2018-06-06 07:38		1
3170	2018-06-06 07:37	2018-06-06 16:07	0

When user click “show details” the second list appears, we can see **for each day** the **first** record of it, writes, when the user **logged in to windows** and also when user **left windows**.

The software by default when writes the first record of today, calculate automatically the **exit time** (endstamp) by adding 8.5hours (510minutes) to the time you logged in. User can customize the work duration by creating a file named **setting.txt** and adding the duration in minutes (example for 8 hours, will write 480). The next day will automatically calculate the exit time by the minutes written into setting.txt. If the setting.txt doesnt exist by default calculates 8.5hours (510minutes).

The **fourth field** represents if user unlock (value 0) or lock (value 1) the workstation.

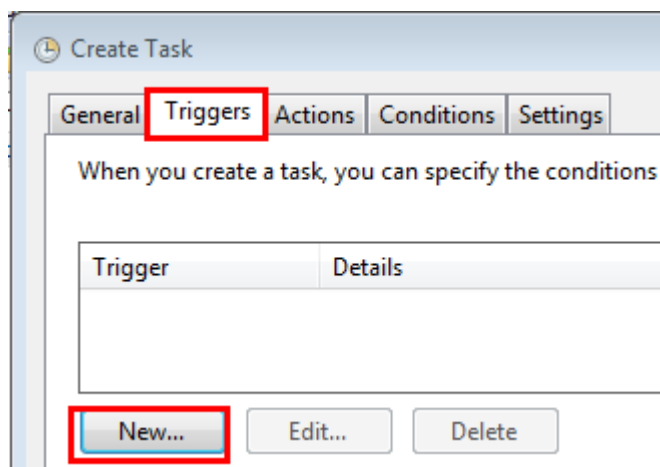
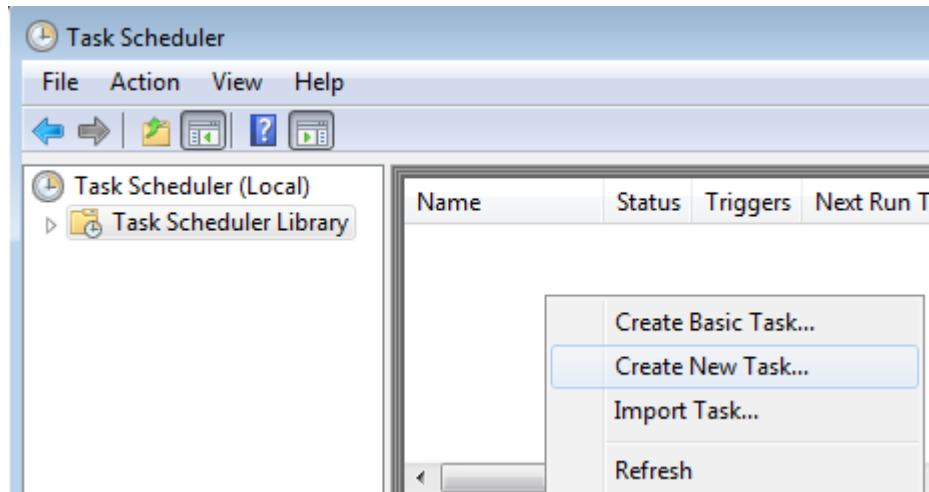
The application records the windows unlock + lock times. On the application startup, checking the records, if the **today date** is different from the database last record, date, it subtracts **start datetime** and **end datetime** of the previous date and store it to a separate table to view in the **initial list**.

Setup the task events

Control Panel\All Control Panel Items\Administrative Tools > Task Scheduler

Workstation Lock

We create a new task



New Trigger

Begin the task: On workstation lock

Settings

☒ Any user

☐ Specific user: admin-lap\admin Change User...

Advanced settings

☐ Delay task for: 15 minutes

☐ Repeat task every: 1 hour for a duration of: 1 day

☐ Stop all running tasks at end of repetition duration

☐ Stop task if it runs longer than: 3 days

☐ Activate: 9/12/2018 9:21:03 μμ ☐ Synchronize across time zones

☐ Expire: 9/12/2019 9:21:03 μμ ☐ Synchronize across time zones

☒ Enabled

OK Cancel

Create Task

General Triggers **Actions** Conditions Settings

When you create a task, you must specify the action that

Action	Details
--------	---------

New... Edit... Delete

New Action

You must specify what action this task will perform.

Action: Start a program

Settings

Program/script: E:\tests\work_stop.exe Browse...

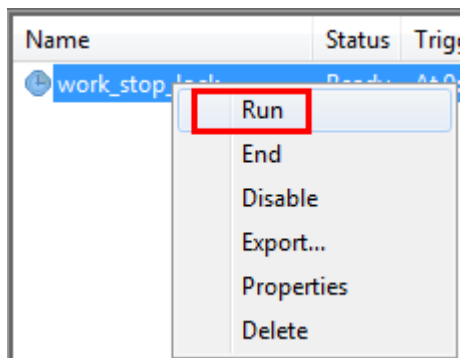
Add arguments (optional): -lock

Start in (optional): E:\tests\ **needed otherwise will not find the dbase file**

Create Task

General **Triggers** Actions Conditions

Name: work_stop_lock



Workstation Unlock

we do the same for workstation unlock

