

Time Distributor v2

Git Repo: <https://github.com/jm55DLSU/TimeDistributor>

Project Description:

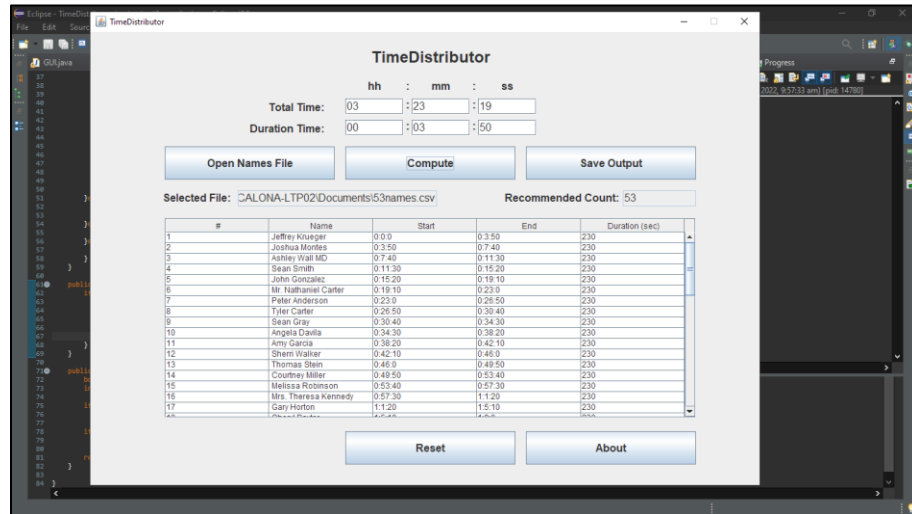
This project was a commission for purposes of human resource management. Specifically, the task was to simply distribute a certain task (transcribing in this case) across several people by dividing the number of people on a given individual allotted time over a total allotted time.

Example:

1. Sample Input:
 - a. Total Time (hh:mm:ss): 03:23:19
 - b. Duration (hh:mm:ss): 00:03:50
 - c. Names: 53 generated names (system-generated used on example output)
2. Sample Output
 - a. Expected

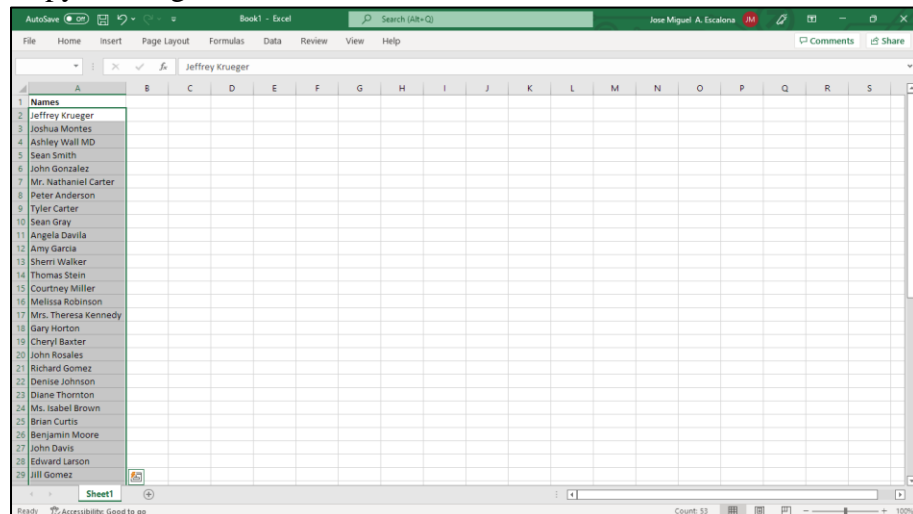
Recording: 3 hours 23 minutes 19 seconds			Time Duration per person: 3 minutes 50 seconds		
1		00:00:00	-	00:03:50	
2		00:03:50	-	00:07:40	
3		00:07:40	-	00:11:31	
4		00:11:31	-	00:15:21	
5		00:15:21	-	00:19:11	
6		00:19:11	-	00:23:01	
7		00:23:01	-	00:26:51	
8		00:26:51	-	00:30:41	
9		00:30:41	-	00:34:32	
10		00:34:32	-	00:38:22	
11		00:38:22	-	00:42:12	
12		00:42:12	-	00:46:02	
13		00:46:02	-	00:49:52	
14		00:49:52	-	00:53:42	
15		00:53:42	-	00:57:33	
16		00:57:33	-	01:01:23	
17		01:01:23	-	01:05:13	
18		01:05:13	-	01:09:03	
19		01:09:03	-	01:12:53	
20		01:12:53	-	01:16:43	
21		01:16:43	-	01:20:34	
22		01:20:34	-	01:24:24	
23		01:24:24	-	01:28:14	
24		01:28:14	-	01:32:04	
25		01:32:04	-	01:35:54	
26		01:35:54	-	01:39:44	
27		01:39:44	-	01:43:35	
28		01:43:35	-	01:47:25	
29		01:47:25	-	01:51:15	
30		01:51:15	-	01:55:05	
31		01:55:05	-	01:58:55	
32		01:58:55	-	02:02:45	
33		02:02:45	-	02:06:36	
34		02:06:36	-	02:10:26	
35		02:10:26	-	02:14:16	
36		02:14:16	-	02:18:06	
37		02:18:06	-	02:21:56	
38		02:21:56	-	02:25:46	
39		02:25:46	-	02:29:37	
40		02:29:37	-	02:33:27	
41		02:33:27	-	02:37:17	
42		02:37:17	-	02:41:07	
43		02:41:07	-	02:44:57	
44		02:44:57	-	02:48:47	
45		02:48:47	-	02:52:38	
46		02:52:38	-	02:56:28	
47		02:56:28	-	03:00:18	
48		03:00:18	-	03:04:08	
49		03:04:08	-	03:07:58	
50		03:07:58	-	03:11:48	
51		03:11:48	-	03:15:39	
52		03:15:39	-	03:19:29	
53		03:19:29	-	03:23:19	

b. Actual

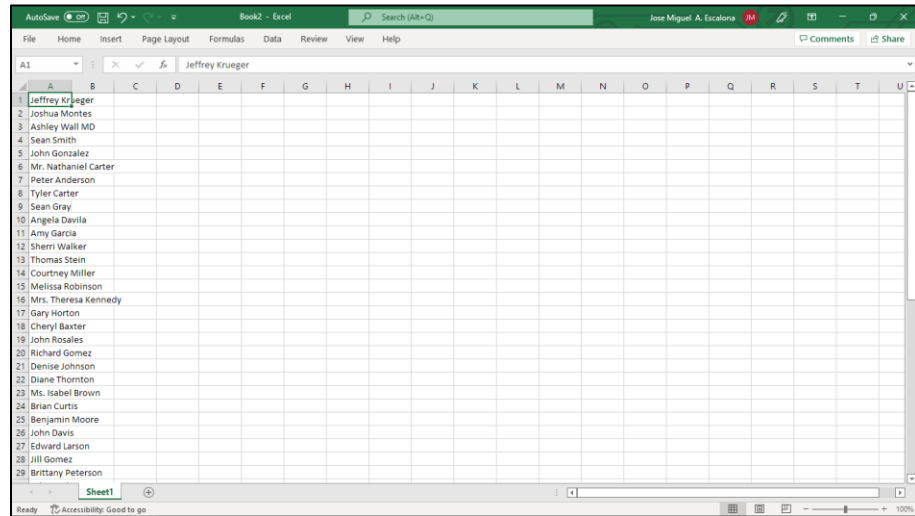


Instructions:

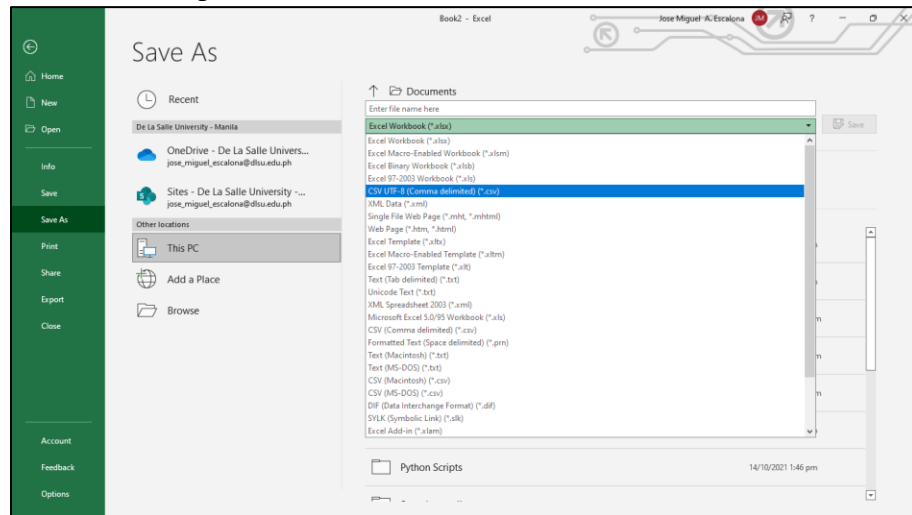
1. Create a .csv file containing the names of the people (Required)
 - a. Open the existing spreadsheet file of names
 - b. Copy the names on a new spreadsheet file
 - i. Copy existing names



ii. Paste to new Excel window

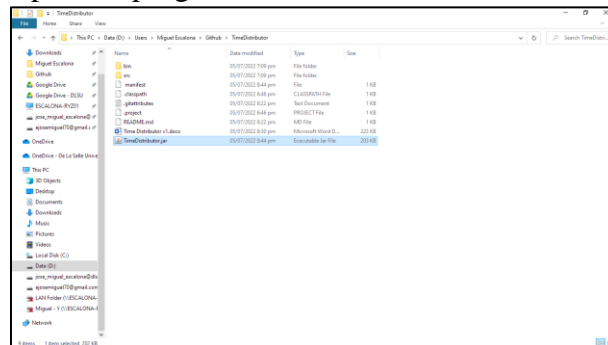


c. Save the new spreadsheet as '.csv'



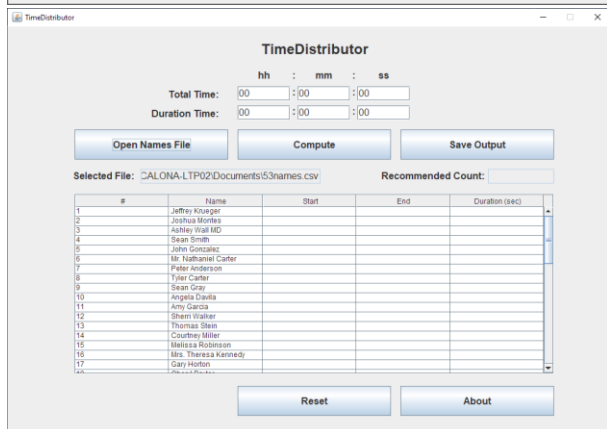
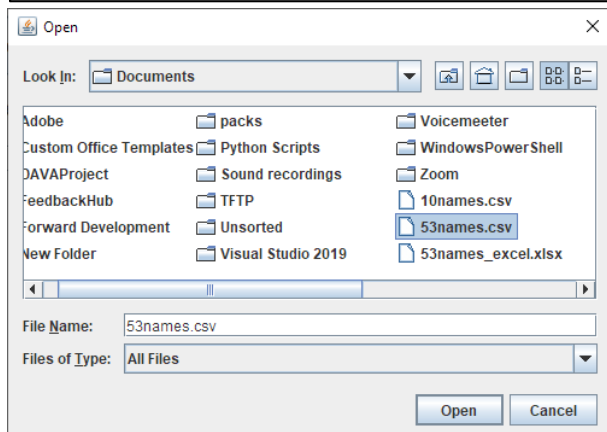
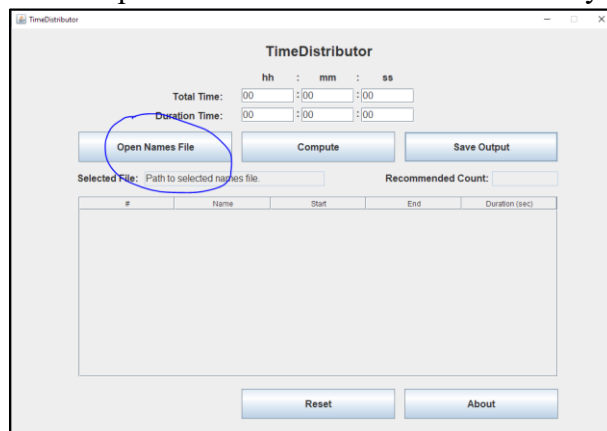
2. Using the program

a. Open the program



b. Instructions c and d may come in any order.

- c. Click 'Open Names File' to select the recently saved '.csv' names file.



- d. Set the time configurations and click 'Compute'

The first screenshot shows the TimeDistributor application with the following settings:

- Total Time: 3 : 23 : 19
- Duration Time: : 3 : 50
- Buttons: Open Names File, Compute, Save Output
- Selected File: C:\ALONA-LTP02\Documents\53names.csv
- Recommended Count: (empty)

The second screenshot shows the application after clicking 'Compute':

- Total Time: 3 : 23 : 19
- Duration Time: : 3 : 50
- Buttons: Open Names File, Compute, Save Output
- Selected File: C:\ALONA-LTP02\Documents\53names.csv
- Recommended Count: 53

#	Name	Start	End	Duration (sec)
1	Jeffrey Knapp	0:00	0:30	230
2	Joshua Montes	0:30	0:40	230
3	Ashley Hall MD	0:40	0:11:30	230
4	Sean Smith	0:11:30	0:15:30	230
5	John Gonzalez	0:15:30	0:19:10	230
6	Mr. Nathaniel Carter	0:19:10	0:23:0	230
7	Peter Anderson	0:23:0	0:26:50	230
8	Tyler Carter	0:26:50	0:30:40	230
9	Sean Gray	0:30:40	0:34:30	230
10	Angela Davila	0:34:30	0:38:30	230
11	Amy Garcia	0:38:30	0:42:10	230
12	Shem Walker	0:42:10	0:46:0	230
13	Thomas Stein	0:46:0	0:49:50	230
14	Courtney Miller	0:49:50	0:53:40	230
15	Melissa Robinson	0:53:40	0:57:30	230
16	Mrs. Theresa Kennedy	0:57:30	1:1:30	230
17	Gary Holton	1:1:30	1:5:10	230

- e. Click 'Save Output' to save as file when needed

The screenshot shows the TimeDistributor application with the 'Save Output' button circled in blue. A 'Save' dialog box is open, showing the file name '53names.csv' and the file type 'All Files'. The dialog box also shows the 'Save In' location as 'Documents' and the 'File Name' field.

3. Start-End Mode

- You may also make use of a start and end time instead of the total and a pre-determined time duration.
- Simply click the 'Start-End Mode' checkbox and enter the start and end times instead of the total and duration time respectively.

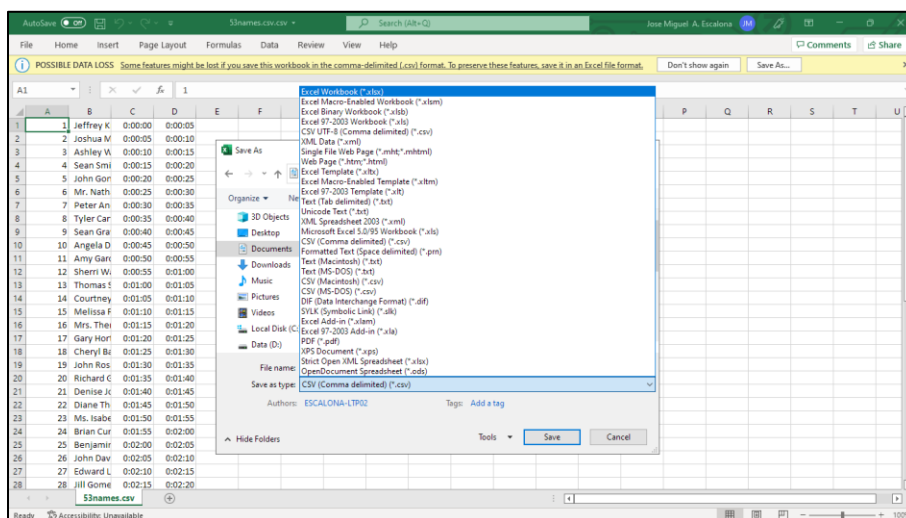
The screenshot shows the 'TimeDistributor' application window. It has a title bar with standard Windows window controls. The main area contains the following elements:

- TimeDistributor** (Title)
- Time input fields: **Start Time:** hh : mm : ss (00 : 00 : 00) and **End Time:** hh : mm : ss (00 : 00 : 00).
- A checkbox labeled **Start-End Mode** which is checked.
- Three buttons: **Open Names File**, **Compute**, and **Save Output**.
- A text field for **Selected File:** Path to selected names file.
- A text field for **Recommended Count:**
- A table with 5 columns: **#**, **Name**, **Start**, **End**, and **Duration (sec)**. The table is currently empty.
- Three buttons at the bottom: **Find Recommended Duration**, **Reset**, and **About**.

- Open the newly saved file and it is recommended for you to save it as a '.xlsx' (Excel) file.

The screenshot shows an Excel spreadsheet with the following data:

#	Name	Start	End
1	Jeffrey K	0:00:00	0:00:05
2	Joshua M	0:00:05	0:00:10
3	Ashley W	0:00:10	0:00:15
4	Sean Smi	0:00:15	0:00:20
5	John Gor	0:00:20	0:00:25
6	Mr. Nath	0:00:25	0:00:30
7	Peter An	0:00:30	0:00:35
8	Tyler Car	0:00:35	0:00:40
9	Sean Gra	0:00:40	0:00:45
10	Angela D	0:00:45	0:00:50
11	Amy Gar	0:00:50	0:00:55
12	Sherri W	0:00:55	0:01:00
13	Thomas f	0:01:00	0:01:05
14	Courtney	0:01:05	0:01:10
15	Melissa F	0:01:10	0:01:15
16	Mrs. Thei	0:01:15	0:01:20
17	Gary Kort	0:01:20	0:01:25
18	Cheryl BJ	0:01:25	0:01:30
19	John Rosi	0:01:30	0:01:35
20	Richard C	0:01:35	0:01:40
21	Denise Jc	0:01:40	0:01:45
22	Diane Th	0:01:45	0:01:50
23	Mrs. Isabe	0:01:50	0:01:55
24	Brian Cur	0:01:55	0:02:00
25	Benjamin	0:02:00	0:02:05
26	John Dav	0:02:05	0:02:10
27	Edward L	0:02:10	0:02:15
28	Jill Gome	0:02:15	0:02:20



5. Finding “Recommended Time Duration”, click “Find Recommended Duration” button and enter the required inputs. Please ensure that the time is formatted as ‘hh:mm:ss’.

The image displays two screenshots of the TimeDistributor application interface.

Top Screenshot: The application window titled "TimeDistributor" shows the "Find Recommended Duration" button circled in blue. The interface includes input fields for "Total Time" and "Duration Time" (formatted as hh:mm:ss), buttons for "Open Names File", "Compute", and "Save Output", a "Selected File" field, a "Recommended Count" field, and a table with columns: #, Name, Start, End, and Duration (sec). At the bottom are buttons for "Find Recommended Duration", "Reset", and "About".

Bottom Screenshot: The same application window is shown, but with an "Input" dialog box open. The dialog box contains a question mark icon and the text "Enter total time (hh:mm:ss):". The input field in the dialog box contains the value "03:23:19". The dialog box has "OK" and "Cancel" buttons.

The image displays two screenshots of the 'TimeDistributor' application window. The window has a title bar with standard Windows controls and a main area with the following elements:

- TimeDistributor** (Title)
- hh : mm : ss** (Time format labels)
- Total Time:** 00 : 00 : 00
- Duration Time:** 00 : 00 : 00
- Buttons:** Open Names File, Compute, Save Output, Find Recommended Duration, Reset, About
- Selected File:** Path to selected names file.
- Recommended Count:** (Empty text box)
- Table:** A table with columns '#', 'Name', 'End', and 'Duration (sec)'. The table is currently empty.

Top Screenshot: A modal dialog titled 'Input' is open. It contains a green question mark icon, the text 'Enter number of persons to divide the time from:', and 'OK' and 'Cancel' buttons.

Bottom Screenshot: A modal dialog titled 'Recommended Duration Time' is open. It contains the text 'Recommended time for each (hh:mm:ss): 00:03:50' and an 'OK' button.