

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:

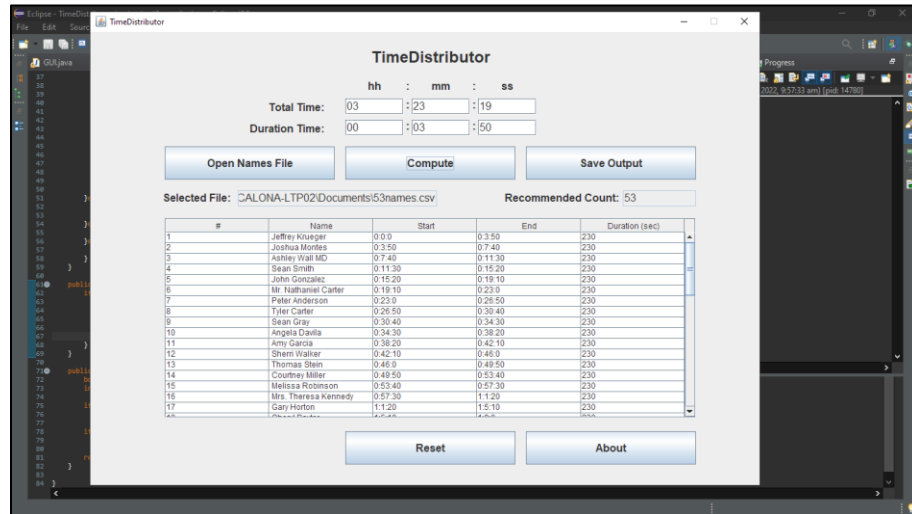
1. Sample Input:
 - a. Total Time (hh:mm:ss): 03:23:19
 - b. Duration (hh:mm:ss): 00:03:50
 - c. Names: 53 generated names (system-generated used on example output)
2. Sample Output
 - a. Expected

Recording: 3 hours 23 minutes 19 seconds

Time Duration per person: 3 minutes 50 seconds

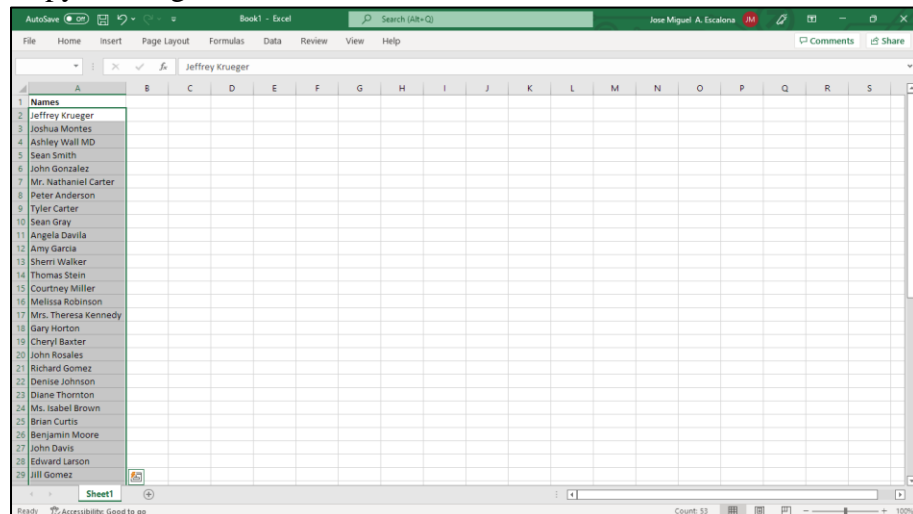
1		00:00:00	-	00:03:50	27		01:39:44	-	01:43:35
2		00:03:50	-	00:07:40	28		01:43:35	-	01:47:25
3		00:07:40	-	00:11:31	29		01:47:25	-	01:51:15
4		00:11:31	-	00:15:21	30		01:51:15	-	01:55:05
5		00:15:21	-	00:19:11	31		01:55:05	-	01:58:55
6		00:19:11	-	00:23:01	32		01:58:55	-	02:02:45
7		00:23:01	-	00:26:51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

b. Actual

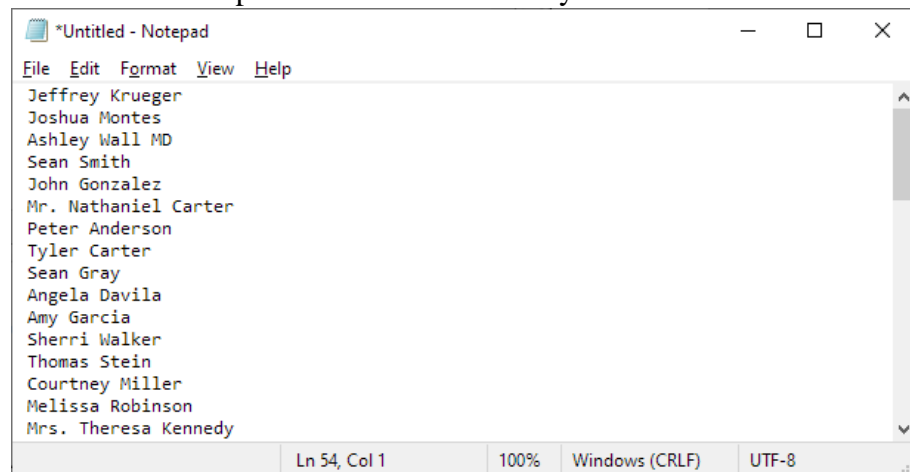


Instructions:

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

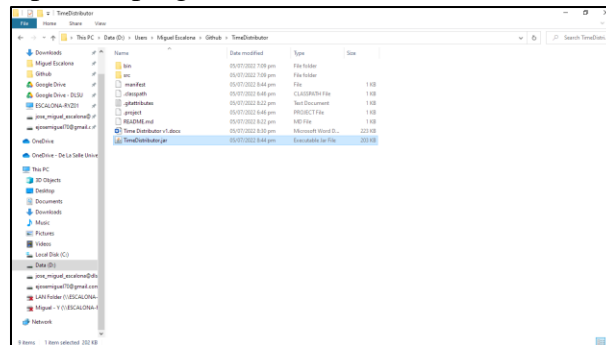


- ii. Paste to new notepad file and save normally.



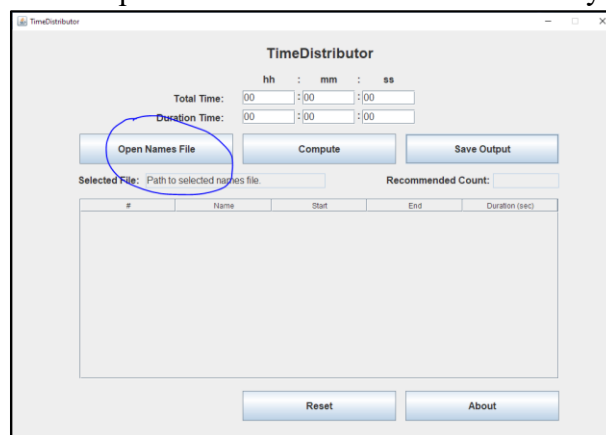
2. Using the program

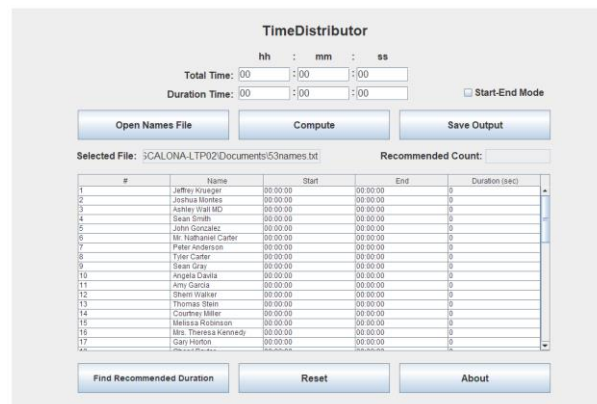
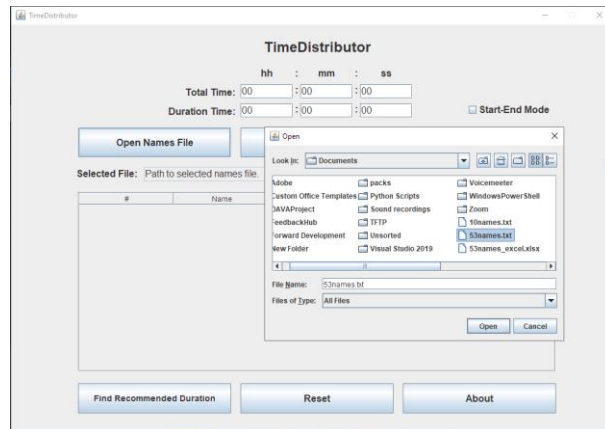
- a. Open the program



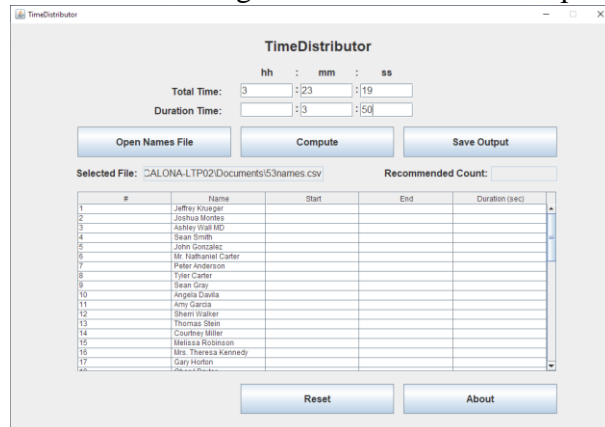
- b. Instructions c and d may come in any order.

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





d. Set the time configurations and click 'Compute'



#	Name	Start	End	Duration (sec)
1	Jeffrey Knappier	0:0:0	0:3:50	230
2	Joshua Montes	0:3:50	0:7:40	230
3	Ashley Trill MD	0:7:40	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 Garcia	0:34:30	0:38:20	230
11	Amy Garcia	0:38:20	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	1:1:20	230
17	Gary Horton	1:1:20	1:5:10	230
18		1:5:10	2:0:0	230

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

#	Name	Start	End	Duration (sec)
1	Jeffrey Knappier	0:0:0	0:3:50	230
2	Joshua Montes	0:3:50	0:7:40	230
3	Ashley Trill MD	0:7:40	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 Garcia	0:34:30	0:38:20	230
11	Amy Garcia	0:38:20	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	1:1:20	230
17	Gary Horton	1:1:20	1:5:10	230
18		1:5:10	2:0:0	230

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.

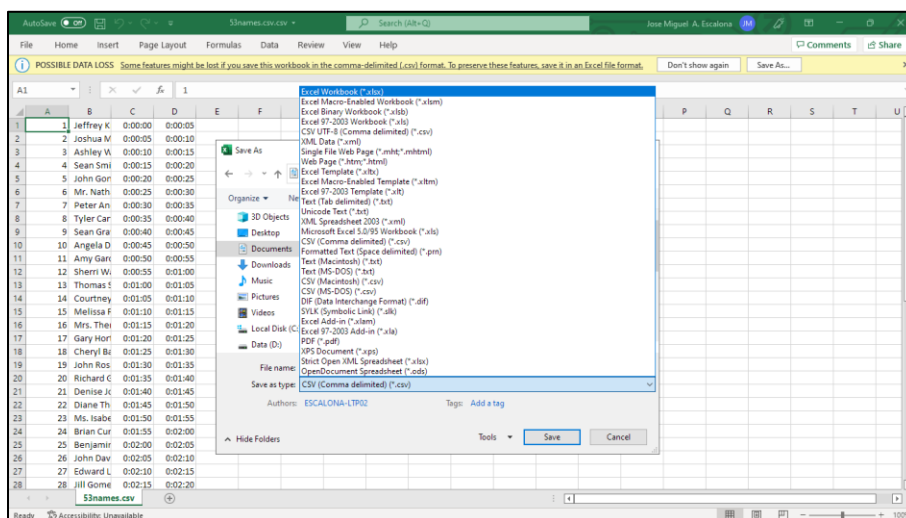
The screenshot shows the 'TimeDistributor' application window. It has a title bar with standard Windows window controls. The main area contains the following elements:

- 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. The top screenshot shows the main window with the 'Find Recommended Duration' button circled in blue. The bottom screenshot shows the same window with an 'Input' dialog box open, prompting the user to enter the total time in hh:mm:ss format, with the value '03:23:19' entered.

TimeDistributor

hh : mm : ss

Total Time: 00 : 00 : 00

Duration Time: 00 : 00 : 00

Open Names File Compute Save Output

Selected File: Path to selected names file. Recommended Count:

#	Name	Start	End	Duration (sec)
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Find Recommended Duration Reset About

Input

Enter total time (hh:mm:ss):

03:23:19

OK Cancel

The image displays two screenshots of the TimeDistributor application interface. The top screenshot shows the application window with a dialog box titled "Input" open. The dialog box contains a green question mark icon and the text "Enter number of persons to divide the time from:". Below this text are "OK" and "Cancel" buttons. The bottom screenshot shows the same application window, but the dialog box is titled "Recommended Duration Time" and displays the text "Recommended time for each (hh:mm:ss): 00:03:50" with an "OK" button.

TimeDistributor

hh : mm : ss

Total Time: 00 : 00 : 00

Duration Time: 00 : 00 : 00

Open Names File Compute Save Output

Selected File: Path to selected names file. Recommended Count:

#

Input

Enter number of persons to divide the time from:

OK Cancel

Find Recommended Duration Reset About

TimeDistributor

hh : mm : ss

Total Time: 00 : 00 : 00

Duration Time: 00 : 00 : 00

Open Names File Compute Save Output

Selected File: Path to selected names file. Recommended Count:

#

Recommended Duration Time

Recommended time for each (hh:mm:ss): 00:03:50

OK

Find Recommended Duration Reset About