

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:

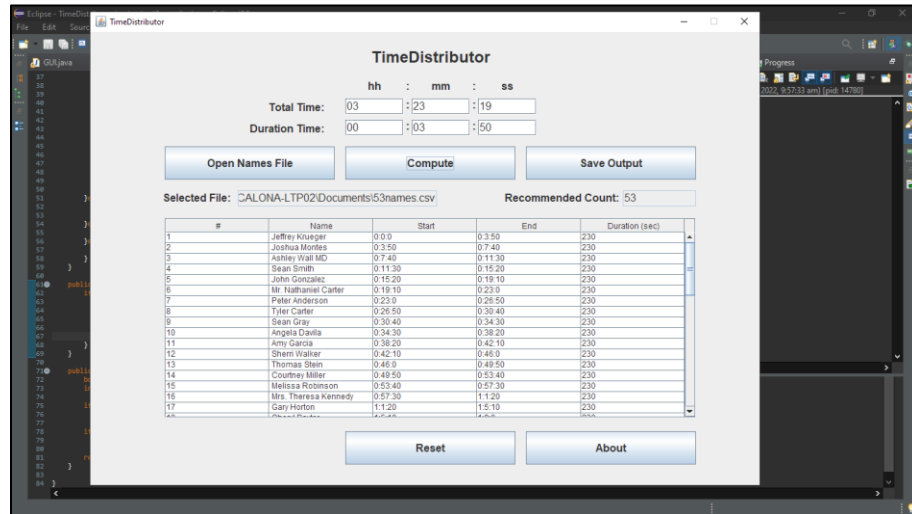
1. Sample Input:
 - a. Total Time (hh:mm:ss): 03:23:19
 - b. Duration (hh:mm:ss): 00:03:50
 - c. Names: 53 generated names (system-generated used on example output)
2. Sample Output
 - a. Expected

Recording: 3 hours 23 minutes 19 seconds

Time Duration per person: 3 minutes 50 seconds

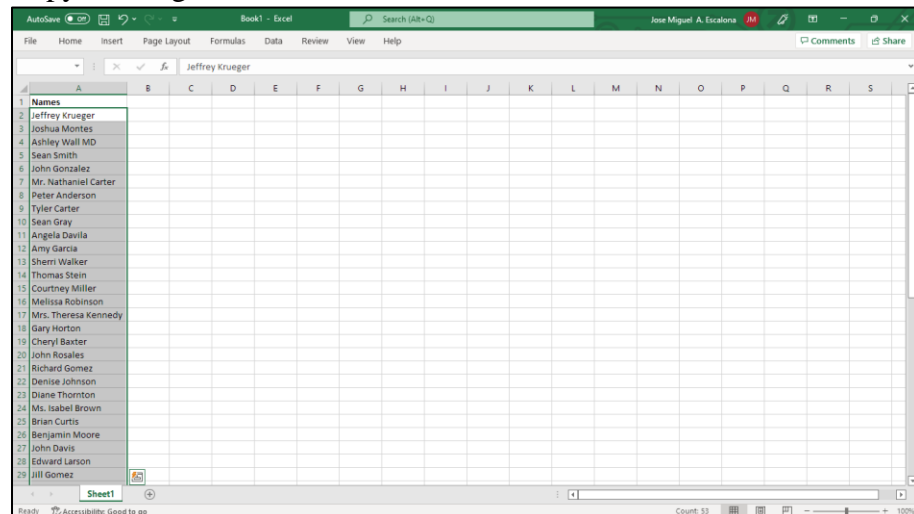
1		00:00:00	-	00:03:50	27		01:39:44	-	01:43:35
2		00:03:50	-	00:07:40	28		01:43:35	-	01:47:25
3		00:07:40	-	00:11:31	29		01:47:25	-	01:51:15
4		00:11:31	-	00:15:21	30		01:51:15	-	01:55:05
5		00:15:21	-	00:19:11	31		01:55:05	-	01:58:55
6		00:19:11	-	00:23:01	32		01:58:55	-	02:02:45
7		00:23:01	-	00:26:51	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

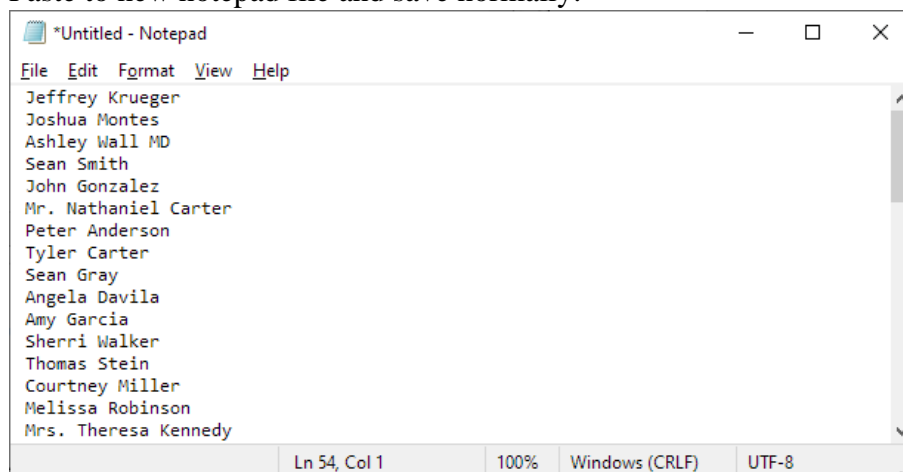


Instructions:

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

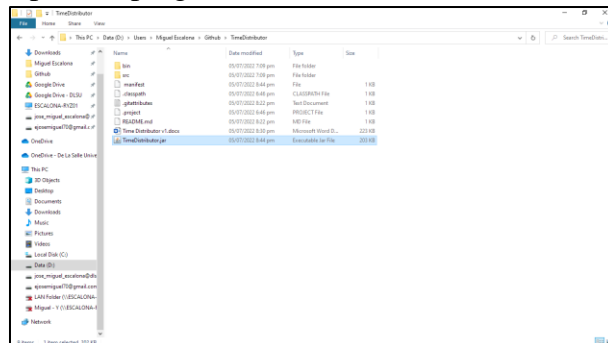


- ii. Paste to new notepad file and save normally.



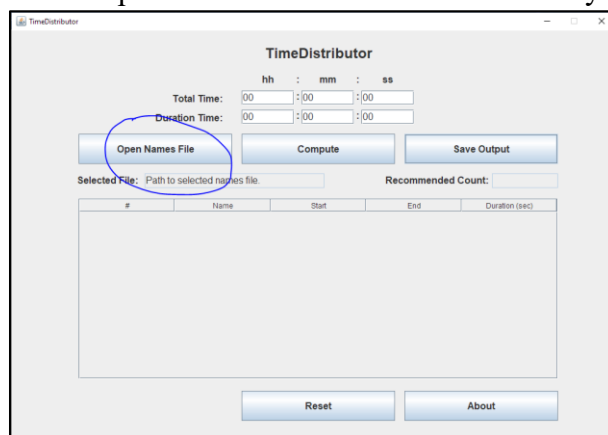
2. Using the program

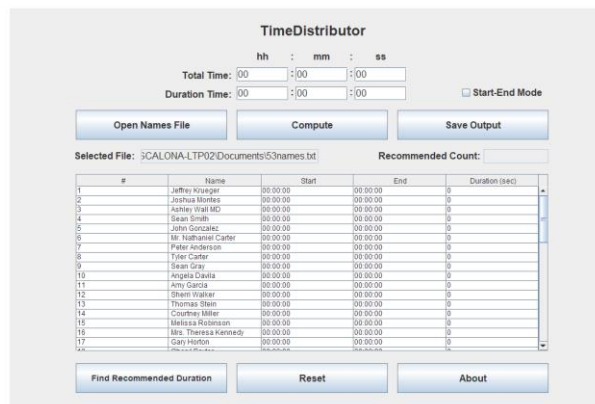
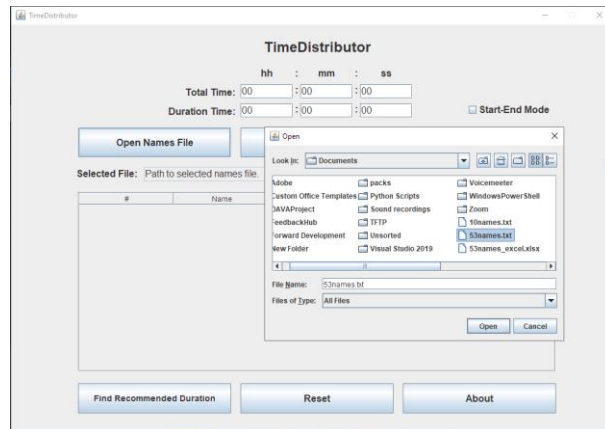
- a. Open the program



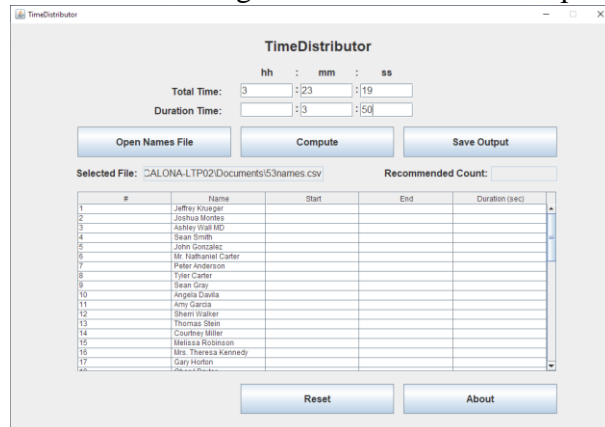
- b. Instructions c and d may come in any order.

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

Save

Save In: Documents

File Name: 53names.csv

Files of Type: All Files

Save Cancel

3. Start-End Mode

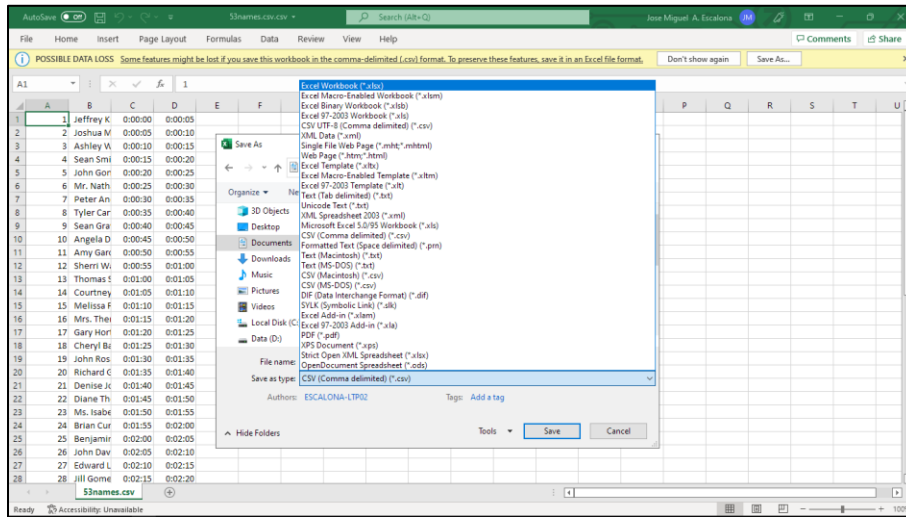
- You may also make use of a start and end time instead of the total and a pre-determined time duration.
- Simply click the 'Start-End Mode' checkbox and enter the start and end times instead of the total and duration time respectively.

The screenshot shows the 'TimeDistributor' application window. At the top, it has a title bar with the application name. Below the title bar, there are input fields for 'Start Time' and 'End Time', each with 'hh', 'mm', and 'ss' sub-labels. The 'Start Time' is set to 00:00:00 and the 'End Time' is set to 00:00:00. To the right of these fields is a checkbox labeled 'Start-End Mode' which is checked. Below the input fields are three buttons: 'Open Names File', 'Compute', and 'Save Output'. Under these buttons, there is a 'Selected File' field with a placeholder 'Path to selected names file.' and a 'Recommended Count' field. At the bottom of the window, there is a table with five columns: '#', 'Name', 'Start', 'End', and 'Duration (sec)'. The table is currently empty. Below the table are three buttons: '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 a table containing names and their start/end times. The table has five columns: '#', 'Name', 'Start', 'End', and 'Duration (sec)'. The data is as follows:

#	Name	Start	End	Duration (sec)
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	Benjaminr	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)
- Time Input:** Fields for 'Total Time' and 'Duration Time', each with 'hh', 'mm', and 'ss' sub-fields. Both are currently set to '00 : 00 : 00'.
- Buttons:** 'Open Names File', 'Compute', 'Save Output', 'Find Recommended Duration', 'Reset', and 'About'.
- Form Fields:** 'Selected File: Path to selected names file.' and 'Recommended Count: '.
- Table:** A table with columns '#', 'Name', 'End', and 'Duration (sec)'. It is currently empty.

Top Screenshot: An 'Input' dialog box is open, asking the user to 'Enter number of persons to divide the time from:'. It includes an 'OK' button and a 'Cancel' button.

Bottom Screenshot: A 'Recommended Duration Time' dialog box is open, displaying the message 'Recommended time for each (hh:mm:ss): 00:03:50'. It includes an 'OK' button.