

Time Distributor v2

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

Project Description:

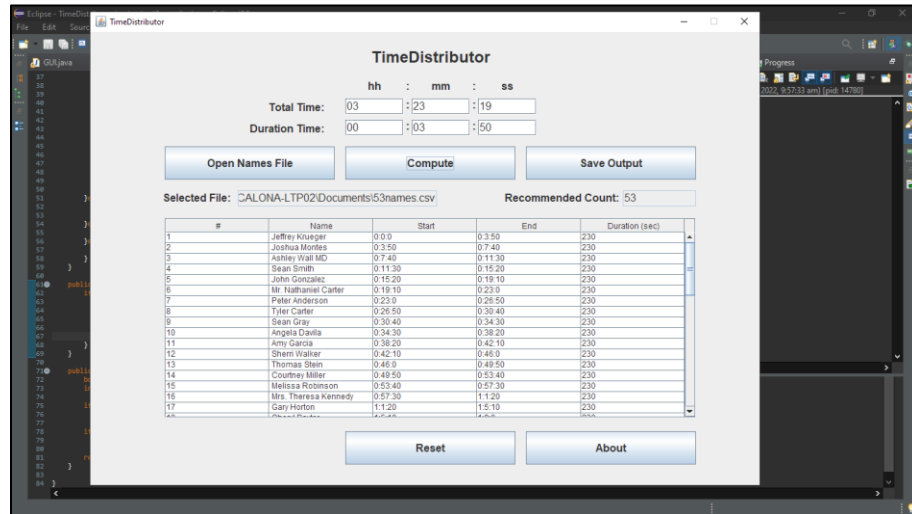
This project was a commission for purposes of human resource management. Specifically, the task was to simply distribute a certain task (transcribing in this case) across several people by dividing the number of people on a given individual allotted time over a total allotted time.

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

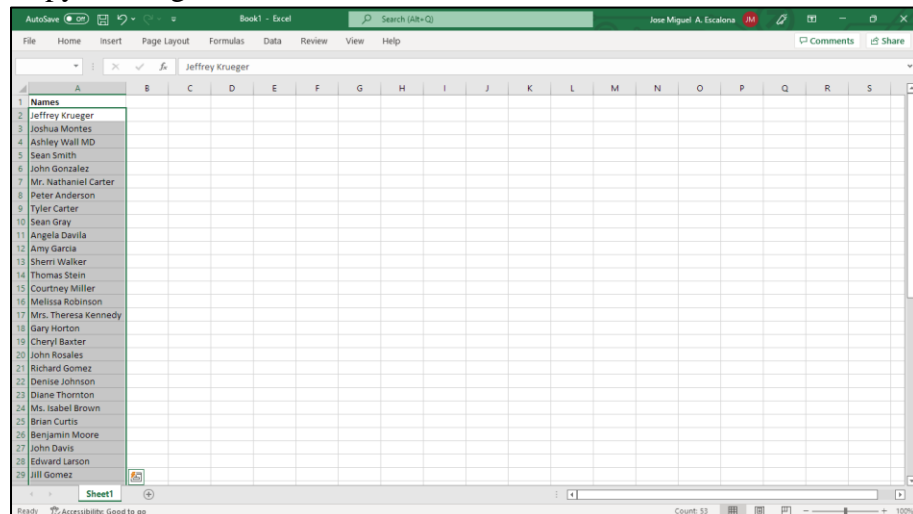
| | | | | | |
|--|--|----------|--|----------|--|
| Recording: 3 hours 23 minutes 19 seconds | | | Time Duration per person: 3 minutes 50 seconds | | |
| 1 | | 00:00:00 | - | 00:03:50 | |
| 2 | | 00:03:50 | - | 00:07:40 | |
| 3 | | 00:07:40 | - | 00:11:31 | |
| 4 | | 00:11:31 | - | 00:15:21 | |
| 5 | | 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

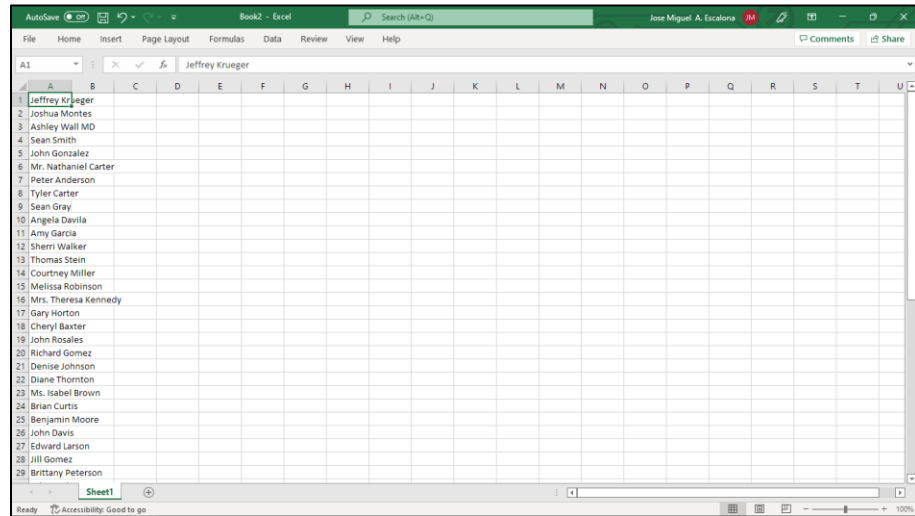


Instructions:

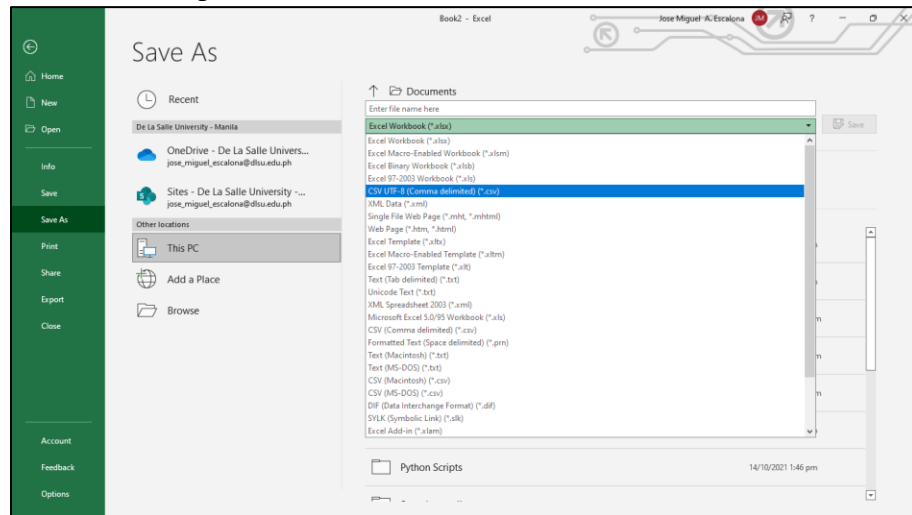
1. Create a .csv file containing the names of the people (Required)
 - a. Open the existing spreadsheet file of names
 - b. Copy the names on a new spreadsheet file
 - i. Copy existing names



ii. Paste to new Excel window

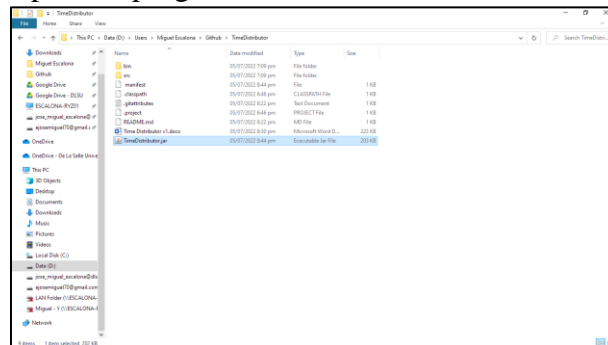


c. Save the new spreadsheet as '.csv'



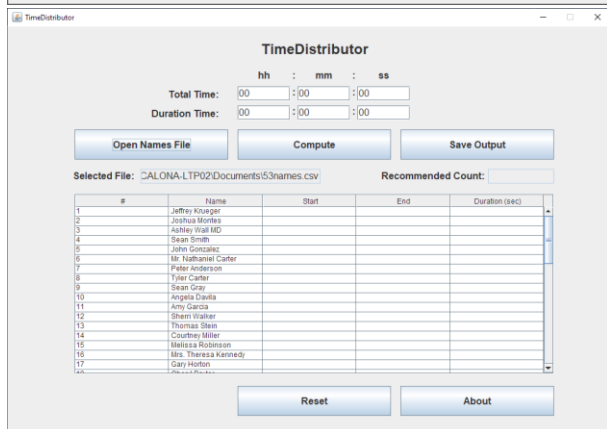
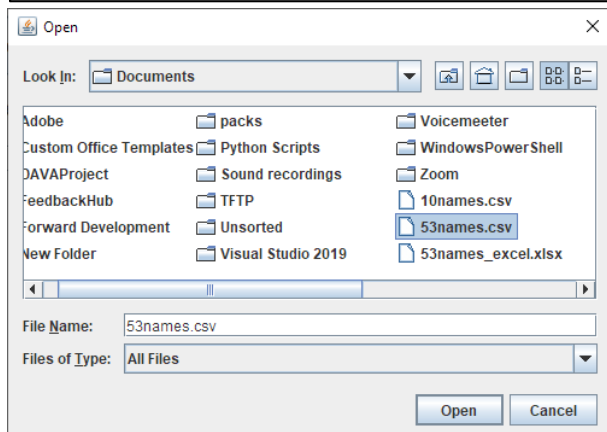
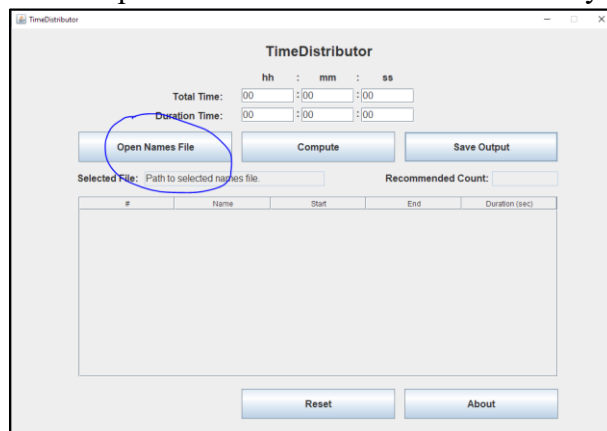
2. Using the program

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':

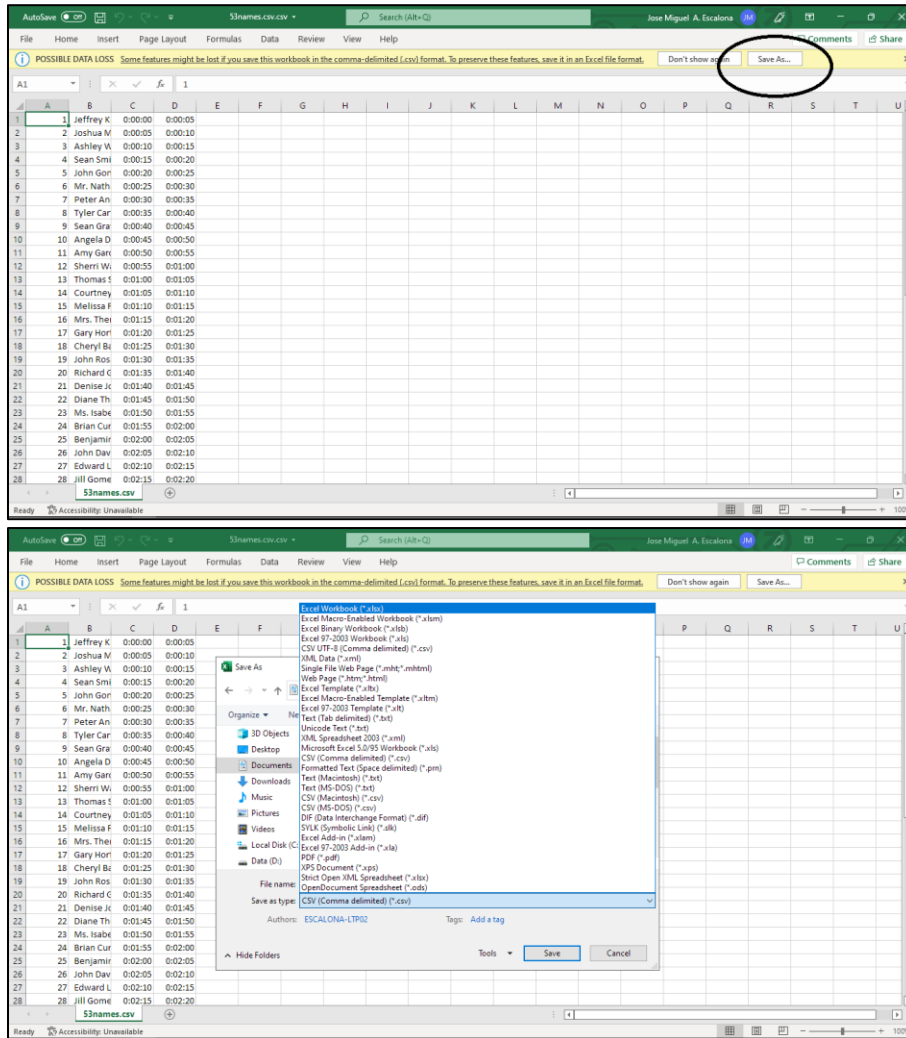
- Total Time: 3 : 23 : 19
- Duration Time: : 3 : 50
- Buttons: Open Names File, Compute, Save Output
- Selected File: C:\ALONA-LTP02\Documents\53names.csv
- Recommended Count: 53

| # | 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 'Files of Type' as 'All Files'.

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



4. 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 is titled "TimeDistributor". It features input fields for "Total Time" and "Duration Time", each with sub-fields for hours (hh), minutes (mm), and seconds (ss). Below these are buttons for "Open Names File", "Compute", and "Save Output". A "Selected File" field and a "Recommended Count" field are also present. A table with columns "#", "Name", "Start", "End", and "Duration (sec)" is shown. At the bottom, there are buttons for "Find Recommended Duration" (circled in blue), "Reset", and "About".

Bottom Screenshot: This screenshot shows the same application window, but with an "Input" dialog box open. The dialog box prompts the user to "Enter total time (hh:mm:ss):" and has the text "03:23:19" entered. The dialog box also includes "OK" and "Cancel" buttons.

The image displays two screenshots of the TimeDistributor application interface, showing the process of calculating recommended duration times for a group of people.

Top Screenshot:

- Title:** TimeDistributor
- Time Fields:** Total Time (hh:mm:ss) and Duration Time (hh:mm:ss) are both set to 00:00:00.
- Buttons:** Open Names File, Compute, Save Output, Find Recommended Duration, Reset, and About.
- Selected File:** Path to selected names file.
- Recommended Count:** (Empty field)
- Table:** A table with columns #, Name, and Duration (sec). The table is currently empty.
- Dialog Box:** An "Input" dialog box is open, asking "Enter number of persons to divide the time from:". The input field contains a question mark (?). The dialog has OK and Cancel buttons.

Bottom Screenshot:

- Title:** TimeDistributor
- Time Fields:** Total Time (hh:mm:ss) and Duration Time (hh:mm:ss) are both set to 00:00:00.
- Buttons:** Open Names File, Compute, Save Output, Find Recommended Duration, Reset, and About.
- Selected File:** Path to selected names file.
- Recommended Count:** (Empty field)
- Table:** A table with columns #, Name, and Duration (sec). The table is currently empty.
- Dialog Box:** A "Recommended Duration Time" dialog box is open, displaying "Recommended time for each (hh:mm:ss): 00:03:50". The dialog has an OK button.