

Time Distributor v2

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

Project Description:

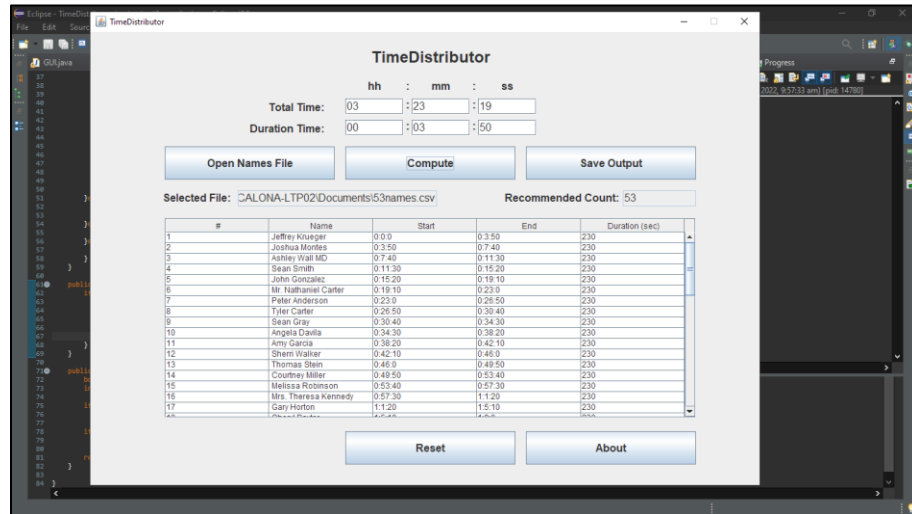
This project was a commission for purposes of human resource management. Specifically, the task was to simply distribute a certain task (transcribing in this case) across several people by dividing the number of people on a given individual allotted time over a total allotted time.

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

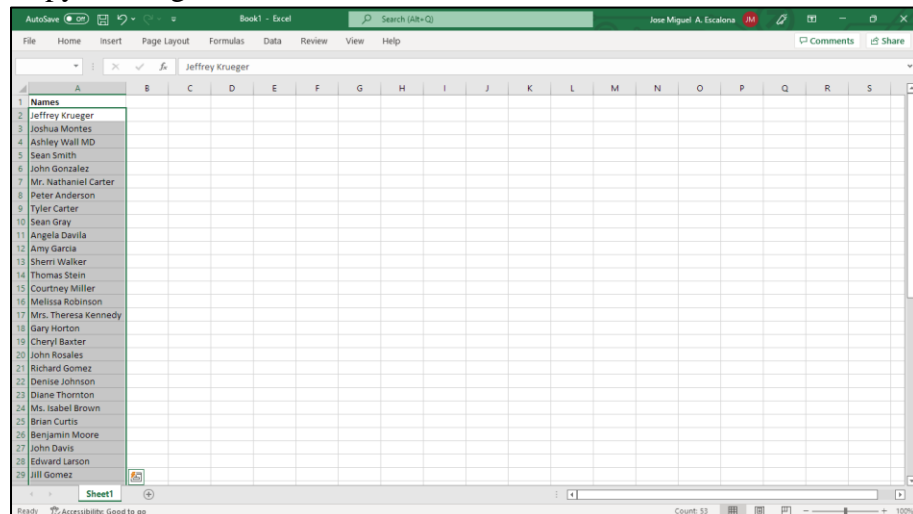
Recording: 3 hours 23 minutes 19 seconds			Time Duration per person: 3 minutes 50 seconds		
1		00:00:00	-	00:03:50	
2		00:03:50	-	00:07:40	
3		00:07:40	-	00:11:31	
4		00:11:31	-	00:15:21	
5		00:15:21	-	00:19:11	
6		00:19:11	-	00:23:01	
7		00:23:01	-	00:26:51	
8		00:26:51	-	00:30:41	
9		00:30:41	-	00:34:32	
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

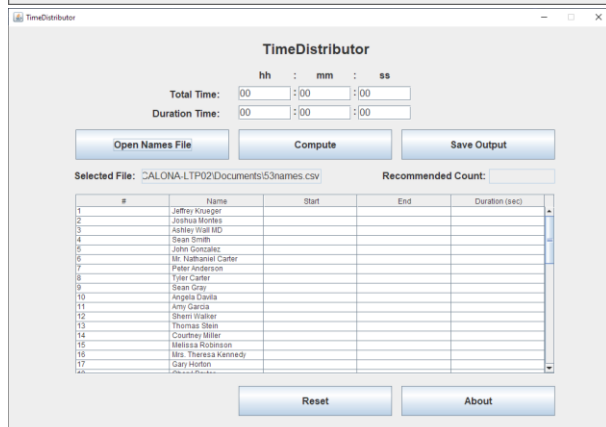
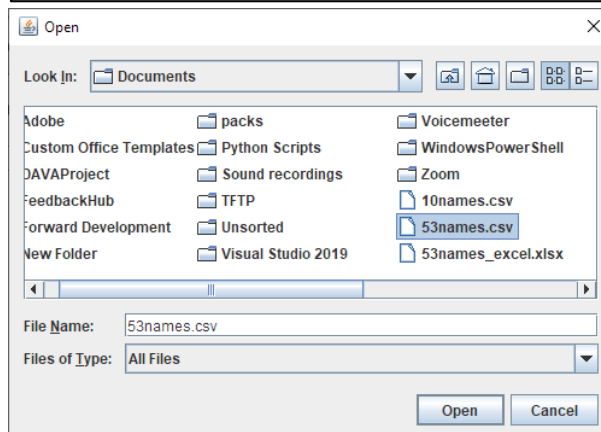
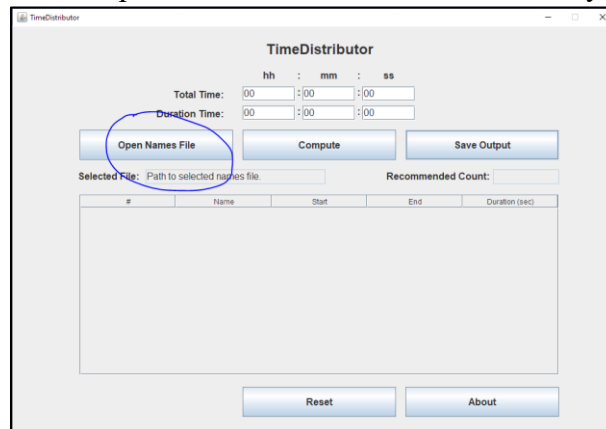


[illegible]

The screenshot shows the Windows File Explorer application window titled "Documents". The left-hand navigation pane includes sections for "This PC" (with icons for Home, Recent, OneDrive - De La Salle University - Manila, and Sites - De La Salle University - ...), "Other locations" (This PC), and "Share". The main area displays a list of file types supported by Excel, such as "Excel Workbook (*.xls)", "Excel Macro-Enabled Workbook (*.xlsm)", "Excel Binary Workbook (*.xlsb)", "Excel 97-2003 Workbook (*.xls)", "Excel 97-2003 Template (*.xlt)", "Text (Tab delimited) (*.txt)", "Unicode Text (*.txt)", "XML Spreadsheet 2003 (*.xml)", "Microsoft Excel 5.0/95 Workbook (*.xls)", "CSV (Comma delimited) (*.csv)", "Formatted Text (Space delimited) (*.prn)", "Text (Macintosh) (*.tst)", "Text (ANSI-DOS) (*.txt)", "CSV (Macintosh) (*.csv)", "CSV (MS-DOS) (*.csv)", "DIF (Data Interchange Format) (*.dif)", "SYLK (Symbolic Link) (*.slk)", and "Excel Add-in (*.xlm)". At the bottom of the window, there are tabs for "Python Scripts" and a date/time stamp "14/10/2021 1:46 pm".

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 following details:

- Save In: Documents
- File Name: 53names.csv
- Files of Type: All Files
- Buttons: Save, Cancel

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

