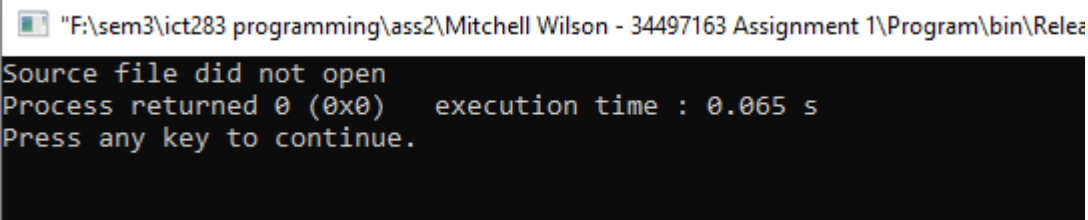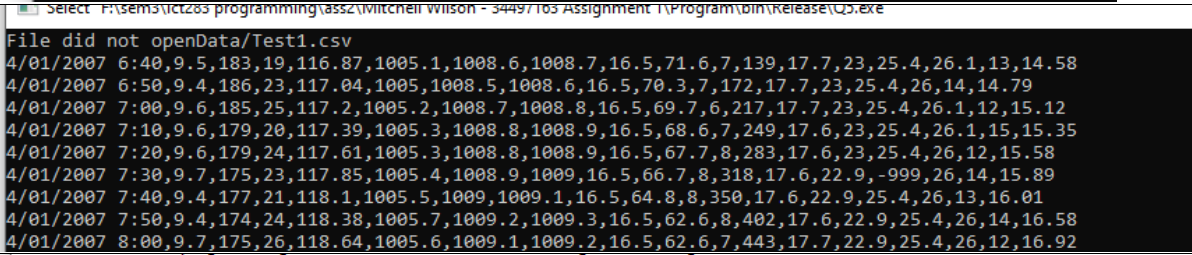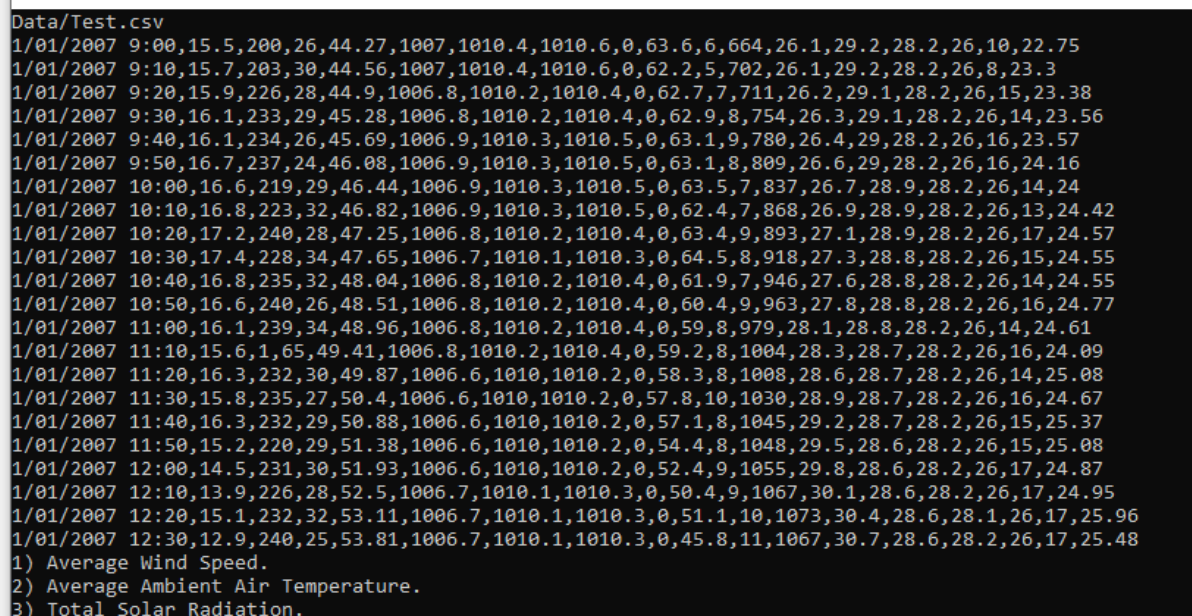These outputs are from test data only, the results here and not the result that should be expected from the data files.

(the line output exists here only to show the input data)

1	■ "F:\sem3\ict283 programming\ass2\Mitchell Wilson - 34497163 Assignment 1\Program\bin\Relea Source file did not open Process returned 0 (0x0) execution time : 0.065 s Press any key to continue.
2	■ Select F:\sem3\ict283 programming\ass2\Mitchell Wilson - 34497163 Assignment 1\Program\bin\Release\Q5.exe File did not openData/Test1.csv 4/01/2007 6:40,9.5,183,19,116.87,1005.1,1008.6,1008.7,16.5,71.6,7,139,17.7,23,25.4,26.1,13,14.58 4/01/2007 6:50,9.4,186,23,117.04,1005,1008.5,1008.6,16.5,70.3,7,172,17.7,23,25.4,26,14,14.79 4/01/2007 7:00,9.6,185,25,117.2,1005.2,1008.7,1008.8,16.5,69.7,6,217,17.7,23,25.4,26.1,12,15.12 4/01/2007 7:10,9.6,179,20,117.39,1005.3,1008.8,1008.9,16.5,68.6,7,249,17.6,23,25.4,26.1,15,15.35 4/01/2007 7:20,9.6,179,24,117.61,1005.3,1008.8,1008.9,16.5,67.7,8,283,17.6,23,25.4,26,12,15.58 4/01/2007 7:30,9.7,175,23,117.85,1005.4,1008.9,1009,16.5,66.7,8,318,17.6,22.9,-999,26,14,15.89 4/01/2007 7:40,9.4,177,21,118.1,1005.5,1009,1009.1,16.5,64.8,8,350,17.6,22.9,25.4,26,13,16.01 4/01/2007 7:50,9.4,174,24,118.38,1005.7,1009.2,1009.3,16.5,62.6,8,402,17.6,22.9,25.4,26,14,16.58 4/01/2007 8:00,9.7,175,26,118.64,1005.6,1009.1,1009.2,16.5,62.6,7,443,17.7,22.9,25.4,26,12,16.92
3	Data/Test.csv 1/01/2007 9:00,15.5,200,26,44.27,1007,1010.4,1010.6,0,63.6,6,664,26.1,29.2,28.2,26,10,22.75 1/01/2007 9:10,15.7,203,30,44.56,1007,1010.4,1010.6,0,62.2,5,702,26.1,29.2,28.2,26,8,23.3 1/01/2007 9:20,15.9,226,28,44.9,1006.8,1010.2,1010.4,0,62.7,7,711,26.2,29.1,28.2,26,15,23.38 1/01/2007 9:30,16.1,233,29,45.28,1006.8,1010.2,1010.4,0,62.9,8,754,26.3,29.1,28.2,26,14,23.56 1/01/2007 9:40,16.1,234,26,45.69,1006.9,1010.3,1010.5,0,63.1,9,780,26.4,29,28.2,26,16,23.57 1/01/2007 9:50,16.7,237,24,46.08,1006.9,1010.3,1010.5,0,63.1,8,809,26.6,29,28.2,26,16,24.16 1/01/2007 10:00,16.6,219,29,46.44,1006.9,1010.3,1010.5,0,63.5,7,837,26.7,28.9,28.2,26,14,24 1/01/2007 10:10,16.8,223,32,46.82,1006.9,1010.3,1010.5,0,62.4,7,868,26.9,28.9,28.2,26,13,24.42 1/01/2007 10:20,17.2,240,28,47.25,1006.8,1010.2,1010.4,0,63.4,9,893,27.1,28.9,28.2,26,17,24.57 1/01/2007 10:30,17.4,228,34,47.65,1006.7,1010.1,1010.3,0,64.5,8,918,27.3,28.8,28.2,26,15,24.55 1/01/2007 10:40,16.8,235,32,48.04,1006.8,1010.2,1010.4,0,61.9,7,946,27.6,28.8,28.2,26,14,24.55 1/01/2007 10:50,16.6,240,26,48.51,1006.8,1010.2,1010.4,0,60.4,9,963,27.8,28.8,28.2,26,16,24.77 1/01/2007 11:00,16.1,239,34,48.96,1006.8,1010.2,1010.4,0,59,8,979,28.1,28.8,28.2,26,14,24.61 1/01/2007 11:10,15.6,1,65,49.41,1006.8,1010.2,1010.4,0,59.2,8,1004,28.3,28.7,28.2,26,16,24.09 1/01/2007 11:20,16.3,232,30,49.87,1006.6,1010,1010.2,0,58.3,8,1008,28.6,28.7,28.2,26,14,25.08 1/01/2007 11:30,15.8,235,27,50.4,1006.6,1010,1010.2,0,57.8,10,1030,28.9,28.7,28.2,26,16,24.67 1/01/2007 11:40,16.3,232,29,50.88,1006.6,1010,1010.2,0,57.1,8,1045,29.2,28.7,28.2,26,15,25.37 1/01/2007 11:50,15.2,220,29,51.38,1006.6,1010,1010.2,0,54.4,8,1048,29.5,28.6,28.2,26,15,25.08 1/01/2007 12:00,14.5,231,30,51.93,1006.6,1010,1010.2,0,52.4,9,1055,29.8,28.6,28.2,26,17,24.87 1/01/2007 12:10,13.9,226,28,52.5,1006.7,1010.1,1010.3,0,50.4,9,1067,30.1,28.6,28.2,26,17,24.95 1/01/2007 12:20,15.1,232,32,53.11,1006.7,1010.1,1010.3,0,51.1,10,1073,30.4,28.6,28.1,26,17,25.96 1/01/2007 12:30,12.9,240,25,53.81,1006.7,1010.1,1010.3,0,45.8,11,1067,30.7,28.6,28.2,26,17,25.48 1) Average Wind Speed. 2) Average Ambient Air Temperature. 3) Total Solar Radiation.

| 4 | ```
Data/Test.csv
4/01/2007 6:40,9.5,183,19,116.87,1005.1,1008.6,1008.7,16.5,71.6,,139,17.7,23,25.4,26.1,13,14.58
invalid input
1/01/2007 9:10,15.7,203,30,44.56,1007,1010.4,1010.6,0,62.2,5,702,26.1,29.2,28.2,26,8,
1/01/2008 9:20,15.9,226,28,44.9,1006.8,1010.2,1010.4,0,62.7,7,711,26.2,29.1,28.2,26,15,
1/01/2008 9:30,16.1,233,29,45.28,1006.8,1010.2,1010.4,0,62.9,8,754,26.3,29.1,28.2,26,14,
1/01/2008 9:40,16.1,234,26,45.69,1006.9,1010.3,1010.5,0,63.1,9,780,26.4,29,28.2,26,16,
1/01/2008 9:50,16.7,237,24,46.08,1006.9,1010.3,1010.5,0,63.1,8,809,26.6,29,28.2,26,16,
1/01/2008 10:00,16.6,219,29,46.44,1006.9,1010.3,1010.5,0,63.5,7,837,26.7,28.9,28.2,26,14,
1/01/2008 10:10,16.8,223,32,46.82,1006.9,1010.3,1010.5,0,62.4,7,868,26.9,28.9,28.2,26,13,
1/01/2007 10:20,17.2,240,28,47.25,1006.8,1010.2,1010.4,0,63.4,9,893,27.1,28.9,28.2,26,17,
1/01/2007 10:30,17.4,228,34,47.65,1006.7,1010.1,1010.3,0,64.5,8,918,27.3,28.8,28.2,26,15,
1/01/2007 10:40,16.8,235,32,48.04,1006.8,1010.2,1010.4,0,61.9,7,946,27.6,28.8,28.2,26,14,
1/01/2007 10:50,16.6,240,26,48.51,1006.8,1010.2,1010.4,0,60.4,9,963,27.8,28.8,28.2,26,16,
1/01/2007 11:00,16.1,239,34,48.96,1006.8,1010.2,1010.4,0,59.8,979,28.1,28.8,28.2,26,14,
1/01/2007 11:10,15.6,1,65,49.41,1006.8,1010.2,1010.4,0,59.2,8,1004,28.3,28.7,28.2,26,16,
1/01/2007 11:20,16.3,232,30,49.87,1006.6,1010,1010.2,0,58.3,8,1008,28.6,28.7,28.2,26,14,
1/01/2007 11:30,15.8,235,27,50.4,1006.6,1010,1010.2,0,57.8,10,1030,28.9,28.7,28.2,26,16,
1/01/2007 11:40,16.3,232,29,50.88,1006.6,1010,1010.2,0,57.1,8,1045,29.2,28.7,28.2,26,15,
1/01/2007 11:50,15.2,220,29,51.38,1006.6,1010,1010.2,0,54.4,8,1048,29.5,28.6,28.2,26,15,
1/01/2007 12:00,14.5,231,30,51.93,1006.6,1010,1010.2,0,52.4,9,1055,29.8,28.6,28.2,26,17,
1/01/2007 12:10,13.9,226,28,52.5,1006.7,1010.1,1010.3,0,50.4,9,1067,30.1,28.6,28.2,26,17,
1/01/2007 12:20,15.1,232,32,53.11,1006.7,1010.1,1010.3,0,51.1,10,1073,30.4,28.6,28.1,26,17,
1/01/2007 12:30,12.9,240,25,53.81,1006.7,1010.1,1010.3,0,45.8,11,1067,30.7,28.6,28.2,26,17,
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
``` |
| 5 6 | ```
Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep,Yep
Invalid Meta Data
1/01/2008 9:40,16.1,234,26,45.69,1006.9,1010.3,1010.5,0,63.1,9,780,26.4,29,28.2,26,16,1

31/03/2016 20:00,11.6,236,26,0,1013.2,1016.7,1016.8,0,58.7,5,14,19.93,27.6,25.7,25.3,26.1,10
31/03/2016 20:10,11.9,223,26,0,1013.1,1016.6,1016.7,0,59.9,4,21,20,27.5,25.8,25.3,26.1,8
31/03/2016 20:20,Red,Red,Red,Red,Red,Red,Red,Red,Red,Red,Red,Red,Red,Red,Red,Red,Red
invalid input
invalid input
invalid input
,,,,,,,,,,,,,,,,,
invalid Meta Data
31/03/2016 20:30,11.3,247,23,0,1013.1,1016.6,1016.7,0,57.6,6,24,20.01,27.4,25.8,25.4,26.1,11
31/03/2016 20:40,11.3,239,24,0,1013.1,1016.6,1016.7,0,57.7,6,11,19.95,27.3,25.8,25.4,26.1,11
31/03/2016 20:50,11,234,27,0,1013.1,1016.6,1016.7,0,56.6,5,14,19.93,27.3,25.8,25.4,26.1,10
``` |
| 7 | ```
1/01/2009 10:10,11.4,93,20,75.2,1006.5,1009.9,1010.1,0,35.3,10,908,27.8,27.5,27,25.1,16,28.19,
10:20,11.6,105,19,76,1006.4,1009.8,1010,0,36.2,11,930,28,27.4,26.9,25,16,27.92,
1/01/2009,11.9,109,26,76.67,1006.4,1009.7,1010,0,35.1,8,951,28.1,27.4,26.9,25.1,13,28.81,
``` |
| 8 | ```
1/01/2013,21.6,326,38,0.2,1005.8,1009.1,1009.4,0,62.9,8,786,30.9,30.3,29.7,27.4,14,29.42
Invalid Meta Data
1/01/2013 9:30,21.3,317,32,0.1,1005.9,1009.2,1009.5,0,61.4,9,806,31,30.2,29.7,27.4,15,29.57
``` |
| 9 | ```
1/01/2009 11:10,11.6,91,21,79.69,1006,1009.3,1009.6,0,31.6,9,1017,28.9,27.3,26.9,25.1,15,30.32,
,11.5,86,22,80.6,1005.9,1009.2,1009.5,0,30.6,11,1025,29.1,27.3,26.9,25,18,30.71,
Invalid Meta Data
1/01/2009 11:30,11.8,74,26,81.39,1005.8,1009.1,1009.4,0,30.7,9,1029,29.3,27.3,26.9,25.1,16,31.02,
1/01/2009 11:40,11.7,67,17,82.2,1005.8,1009.1,1009.4,0,30.1,9,1042,29.5,27.3,26.9,25.1,15,31.31,
1/01/2009 11:50,11.6,66,18,83.01,1005.7,1009,1009.3,0,29.8,9,1034,29.7,27.3,26.8,25.1,14,31.29,
``` |
| 10 | ```
Invalid Meta Data1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
``` |

11	Data/Test.csv
	1/01/2013 9:10,21.4,321,26,0.1,1005.8,1009.1,1009.4,0,62.1,10,758,30.7,30.3,29.7,27.4,16,29.43
	1/01/2013 9:20,21.6,326,38,0.2,1005.8,1009.1,1009.4,0,62.9,8,786,30.9,30.3,29.7,27.4,14,29.42
	1/01/2013 9:30,21.3,317,32,0.1,1005.9,1009.2,1009.5,0,61.4,9,806,31,30.2,29.7,27.4,15,29.57
	1/01/2013 9:40,21.7,320,38,0.1,1005.9,1009.2,1009.5,0,62.5,10,841,31.2,30.2,29.7,27.4,18,29.74
	1/01/2013 9:50,22,327,30,0.2,1006,1009.3,1009.6,0,62.6,9,847,31.4,30.2,29.7,27.4,17,29.99
	1/01/2013 10:00,21.4,255,89,0.1,1006,1009.3,1009.6,0,60.7,10,872,31.6,30.2,29.7,27.4,17,29.82
	1/01/2013 10:10,21.9,314,35,0.1,1006.1,1009.4,1009.7,0,62.9,12,882,31.8,30.2,29.6,27.4,18,29.78
	1/01/2013 10:20,22.4,324,32,0.2,1006,1009.3,1009.6,0,63.3,9,904,32,30.2,29.6,27.4,15,30.17
	1/01/2013 10:30,21.9,322,30,0.1,1006.2,1009.5,1009.8,0,63.4,11,953,32.2,30.2,29.6,27.4,19,29.69
	1/01/2013 10:40,22.2,323,33,0.2,1006.2,1009.5,1009.8,0,62.2,10,943,32.5,30.1,29.6,27.4,17,30.23
	1/01/2013 10:20,22.4,324,32,0.2,1006,1009.3,1009.6,0,63.3,9,904,32,30.2,29.6,27.4,15,30.17
	1/01/2013 10:30,21.9,322,30,0.1,1006.2,1009.5,1009.8,0,63.4,11,953,32.2,30.2,29.6,27.4,19,29.69
	1/01/2013 10:40,22.2,323,33,0.2,1006.2,1009.5,1009.8,0,62.2,10,943,32.5,30.1,29.6,27.4,17,30.23
	1) Average Wind Speed.
	2) Average Ambient Air Temperature.
	3) Total Solar Radiation.
	4) All.
	5) Exit
12 13	Data/Test.csv
	1/01/2007 9:00,15.5,200,26,44.27,1007,1010.4,1010.6,0,63.6,6,664,26.1,29.2,28.2,26,10,23.56
	1/01/2007 9:10,15.7,203,30,44.56,1007,1010.4,1010.6,0,62.2,5,702,26.1,29.2,28.2,26,8,23.56
	1/01/2008 9:20,15.9,226,28,44.9,1006.8,1010.2,1010.4,0,62.7,7,711,26.2,29.1,28.2,26,15,23.56
	1/01/2008 9:30,16.1,233,29,45.28,1006.8,1010.2,1010.4,0,62.9,8,754,26.3,29.1,28.2,26,14,23.56
	1/01/2008 9:40,16.1,234,26,45.69,1006.9,1010.3,1010.5,0,63.1,9,780,26.4,29,28.2,26,16,23.57
	1/01/2008 9:50,16.7,237,24,46.08,1006.9,1010.3,1010.5,0,63.1,8,809,26.6,29,28.2,26,16,24.16
	1/01/2008 10:00,16.6,219,29,46.44,1006.9,1010.3,1010.5,0,63.5,7,837,26.7,28.9,28.2,26,14,24
	1/01/2008 10:10,16.8,223,32,46.82,1006.9,1010.3,1010.5,0,62.4,7,868,26.9,28.9,28.2,26,13,24.42
	1/01/2007 10:20,17.2,240,28,47.25,1006.8,1010.2,1010.4,0,63.4,9,893,27.1,28.9,28.2,26,17,24.57
	1/01/2007 10:30,17.4,228,34,47.65,1006.7,1010.1,1010.3,0,64.5,8,918,27.3,28.8,28.2,26,15,24.55
	1/01/2007 10:40,16.8,235,32,48.04,1006.8,1010.2,1010.4,0,61.9,7,946,27.6,28.8,28.2,26,14,24.55
	1/01/2007 10:50,16.6,240,26,48.51,1006.8,1010.2,1010.4,0,60.4,9,963,27.8,28.8,28.2,26,16,24.77
	1/01/2007 11:00,16.1,239,34,48.96,1006.8,1010.2,1010.4,0,59,8,979,28.1,28.8,28.2,26,14,24.61
	1/01/2007 11:10,15.6,1,65,49.41,1006.8,1010.2,1010.4,0,59.2,8,1004,28.3,28.7,28.2,26,16,24.09
	1/01/2007 11:20,16.3,232,30,49.87,1006.6,1010,1010.2,0,58.3,8,1008,28.6,28.7,28.2,26,14,25.08
	1/01/2007 11:30,15.8,235,27,50.4,1006.6,1010,1010.2,0,57.8,10,1030,28.9,28.7,28.2,26,16,24.67
	1/01/2007 11:40,16.3,232,29,50.88,1006.6,1010,1010.2,0,57.1,8,1045,29.2,28.7,28.2,26,15,25.37
	1/01/2007 11:50,15.2,220,29,51.38,1006.6,1010,1010.2,0,54.4,8,1048,29.5,28.6,28.2,26,15,25.08
	1/01/2007 12:00,14.5,231,30,51.93,1006.6,1010,1010.2,0,52.4,9,1055,29.8,28.6,28.2,26,17,24.87
	1/01/2007 12:10,13.9,226,28,52.5,1006.7,1010.1,1010.3,0,50.4,9,1067,30.1,28.6,28.2,26,17,24.95
	1/01/2007 12:20,15.1,232,32,53.11,1006.7,1010.1,1010.3,0,51.1,10,1073,30.4,28.6,28.1,26,17,25.96
	1/01/2007 12:30,12.9,240,25,53.81,1006.7,1010.1,1010.3,0,45.8,11,1067,30.7,28.6,28.2,26,17,25.48
	1) Average Wind Speed.
	2) Average Ambient Air Temperature.
	3) Total Solar Radiation.
	4) All.
	5) Exit
14 15	"F:\sem3\ict283 programming\ass2\Mitchell Wilson - 34497163 Assignment 1\Program\bin\Release\Q5.exe"
	Data/Test.csv
	1/01/2007 9:00,15.5,200,26,44.27,1007,1010.4,1010.6,0,63.6,,664,26.1,29.2,28.2,26,10,22.75
	invalid input
	1/01/2007 9:10,15.7,203,30,44.56,1007,1010.4,1010.6,0,62.2,String,702,26.1,29.2,28.2,26,8,23.3
	invalid input
	1/01/2007 9:20,15.9,226,28,44.9,1006.8,1010.2,1010.4,0,62.7,7.3,711,26.2,29.1,28.2,26,15,23.38
	7.3
	1/01/2007 9:30,16.1,233,29,45.28,1006.8,1010.2,1010.4,0,62.9,8,754,26.3,29.1,28.2,26,14,23.56
16	Data/Test.csv
	1/01/2007 9:00,15.5,200,26,44.27,1007,1010.4,1010.6,0,63.6,6..3,664,26.1,29.2,28.2,26,10,1
	6
	1/01/2007 9:10,15.7,203,30,44.56,1007,1010.4,1010.6,0,62.2,5,702,26.1,29.2,28.2,26,8,1
17 18 19	Data/Test.csv
	1/01/2007 9:00,15.5,200,26,44.27,1007,1010.4,1010.6,0,63.6,6,664,26.1,29.2,28.2,26,10,
	invalid input
	1/01/2007 9:10,15.7,203,30,44.56,1007,1010.4,1010.6,0,62.2,5,702,26.1,29.2,28.2,26,8,String
	invalid input
	1/01/2007 9:20,15.9,226,28,44.9,1006.8,1010.2,1010.4,0,62.7,7,711,26.2,29.1,28.2,26,15,23..38
	23
	1/01/2007 9:30,16.1,233,29,45.28,1006.8,1010.2,1010.4,0,62.9,8,754,26.3,29.1,28.2,26,14,23.56

| 20<br>21<br>22 | ```
Data/Test.csv
1/01/2007 9:00,15.5,200,26,44.27,1007,1010.4,1010.6,0,63.6,6,,26.1,29.2,28.2,26,10,22.75
invalid input
1/01/2007 9:10,15.7,203,30,44.56,1007,1010.4,1010.6,0,62.2,5,String,26.1,29.2,28.2,26,8,23.3
invalid input
1/01/2007 9:20,15.9,226,28,44.9,1006.8,1010.2,1010.4,0,62.7,7,711..324,26.2,29.1,28.2,26,15,23.38

711
1/01/2007 9:30,16.1,233,29,45.28,1006.8,1010.2,1010.4,0,62.9,8,754.Strin,26.3,29.1,28.2,26,14,23.56
``` |
| 23 | ```
"F:\sem3\ict283 programming\ass2\Mitchell Wilson - 3449763 Assignment 1\Program\bin\Release\Q5.exe"
Data/Test.csv
1/01/2007 9:00,15.5,200,26,44.27,1007,1010.4,1010.6,0,63.6,6,664,26.1,29.2,28.2,26,10,22.75
1/01/2007 9:10,15.7,203,30,44.56,1007,1010.4,1010.6,0,62.2,5,702,26.1,29.2,28.2,26,8,23.3
1/01/2007 9:20,15.9,226,28,44.9,1006.8,1010.2,1010.4,0,62.7,7,711,26.2,29.1,28.2,26,15,23.38
1/01/2007 9:30,16.1,233,29,45.28,1006.8,1010.2,1010.4,0,62.9,8,754,26.3,29.1,28.2,26,14,23.56
1/01/2007 9:40,16.1,234,26,45.69,1006.9,1010.3,1010.5,0,63.1,9,780,26.4,29,28.2,26,16,23.57
1/01/2007 9:50,16.7,237,24,46.08,1006.9,1010.3,1010.5,0,63.1,8,809,26.6,29,28.2,26,16,24.16
1/01/2007 10:00,16.6,219,29,46.44,1006.9,1010.3,1010.5,0,63.5,7,837,26.7,28.9,28.2,26,14,24
1/01/2007 10:10,16.8,223,32,46.82,1006.9,1010.3,1010.5,0,62.4,7,868,26.9,28.9,28.2,26,13,24.42
1/01/2007 10:20,17.2,240,28,47.25,1006.8,1010.2,1010.4,0,63.4,9,893,27.1,28.9,28.2,26,17,24.57
1/01/2007 10:30,17.4,228,34,47.65,1006.7,1010.1,1010.3,0,64.5,8,918,27.3,28.8,28.2,26,15,24.55
1/01/2007 10:40,16.8,235,32,48.04,1006.8,1010.2,1010.4,0,61.9,7,946,27.6,28.8,28.2,26,14,24.55
1/01/2007 10:50,16.6,240,26,48.51,1006.8,1010.2,1010.4,0,60.4,9,963,27.8,28.8,28.2,26,16,24.77
1/01/2007 11:00,16.1,239,34,48.96,1006.8,1010.2,1010.4,0,59,8,979,28.1,28.8,28.2,26,14,24.61
1/01/2007 11:10,15.6,1,65,49.41,1006.8,1010.2,1010.4,0,59.2,8,1004,28.3,28.7,28.2,26,16,24.09
1/01/2007 11:20,16.3,232,30,49.87,1006.6,1010,1010.2,0,58.3,8,1008,28.6,28.7,28.2,26,14,25.08
1/01/2007 11:30,15.8,235,27,50.4,1006.6,1010,1010.2,0,57.8,10,1030,28.9,28.7,28.2,26,16,24.67
1/01/2007 11:40,16.3,232,29,50.88,1006.6,1010,1010.2,0,57.1,8,1045,29.2,28.7,28.2,26,15,25.37
1/01/2007 11:50,15.2,220,29,51.38,1006.6,1010,1010.2,0,54.4,8,1048,29.5,28.6,28.2,26,15,25.08
1/01/2007 12:00,14.5,231,30,51.93,1006.6,1010,1010.2,0,52.4,9,1055,29.8,28.6,28.2,26,17,24.87
1/01/2007 12:10,13.9,226,28,52.5,1006.7,1010.1,1010.3,0,50.4,9,1067,30.1,28.6,28.2,26,17,24.95
1/01/2007 12:20,15.1,232,32,53.11,1006.7,1010.1,1010.3,0,51.1,10,1073,30.4,28.6,28.1,26,17,25.96
1/01/2007 12:30,12.9,240,25,53.81,1006.7,1010.1,1010.3,0,45.8,11,1067,30.7,28.6,28.2,26,17,25.48
Data/Test1.csv
4/01/2007 6:40,9.5,183,19,116.87,1005.1,1008.6,1008.7,16.5,71.6,7,139,17.7,23,25.4,26.1,13,14.58
4/01/2007 6:50,9.4,186,23,117.04,1005,1008.5,1008.6,16.5,70.3,7,172,17.7,23,25.4,26,14,14.79
4/01/2007 7:00,9.6,185,25,117.2,1005.2,1008.7,1008.8,16.5,69.7,6,217,17.7,23,25.4,26.1,12,15.12
4/01/2007 7:10,9.6,179,20,117.39,1005.3,1008.8,1008.9,16.5,68.6,7,249,17.6,23,25.4,26.1,15,15.35
``` |
| 24 | ```
5) Exit
String
Invalid Menu input
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
```
```
                              47 | Data = t;
5) Exit
1string
Enter the year: 5
Year not found
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
``` |
| 25 | ```
         200
Invalid Input
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
1.5
Enter the year:
``` |

| 26 | ```
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
02
Invalid Menu input
5) Exit
``` |
|----|----|
| 27 | ```
11
Enter the year: 2006
Year not found
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
``` |
| 28 | ```
5) Exit
1
Enter the year: String
Non valid input
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
                    47 |      Data = t;
``` |
| 29 | ```
1
Enter the year: 2008
menu 1
Enter the Month: Invalid
Month not found
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
                    47 |      Data = t;
                     |      ~~~~~~^~~
        In file included from f:\sem3\ict283
``` |
| 30 | ```
1
Enter the year: 2007.2
Enter the Month: January
January 2007
Average Speed: 5.5 km/h
Sample stdev: 0.707107
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
``` |

| 31 | ```
5) Exit
1
Enter the year: 200
Year not found
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
``` |
| 32 | ```
Enter the year: 2007
menu 1
Enter the Month: April
April 2007
Average Speed: No Data
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
                47 |     Data = t;
``` |
| 33 | ```
5) Exit
1
Enter the year: 2008
menu 1
Enter the Month: June
June 2008
Average Speed: 4.93634 km/h
Sample stdev: 3.20618
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
                47 |     Data = t;
``` |
| 34 | ```
2
Enter the year: 200
year not found
1) Average Wind Speed.
2) Average Ambient Air Temperature.
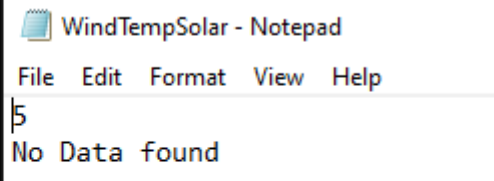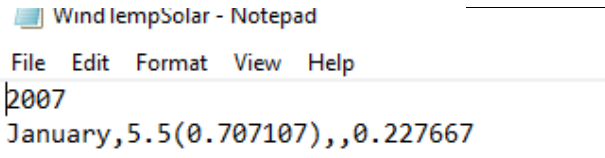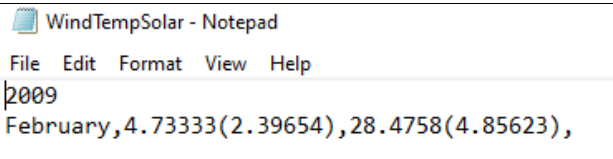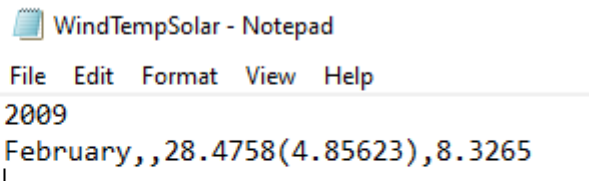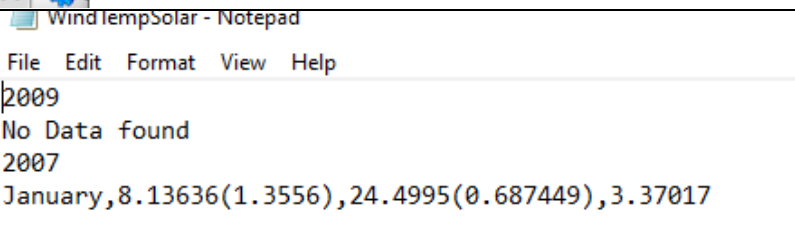3) Total Solar Radiation.
4) All.
5) Exit
``` |

| 35 | ```
5) Exit
2
Enter the year: 2007
2007
January: No Data
February: No Data
March: No Data
April: No Data
May: No Data
June: No Data
July: No Data
August: No Data
September: No Data
October: No Data
November: No Data
December: No Data
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
``` |
|---|---|
| 36 | ```
5) Exit
2
Enter the year: 2009
2009
January: No Data
February: 28.4758 Degress C, stdev:4.85623
March: No Data
April: No Data
May: No Data
June: No Data
July: No Data
August: No Data
September: No Data
October: No Data
November: No Data
December: No Data
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
``` |

| 37 | ```
5) Exit
2
Enter the year: 2011
2011
January: 24.7692 Degress C, stdev:5.35587
February: 27.0092 Degress C, stdev:4.78469
March: 24.505 Degress C, stdev:4.73763
April: 20.6256 Degress C, stdev:5.03546
May: 16.7796 Degress C, stdev:4.58649
June: 14.6826 Degress C, stdev:3.39678
July: 12.9848 Degress C, stdev:3.85792
August: 14.3409 Degress C, stdev:4.19182
September: 14.6008 Degress C, stdev:3.88712
October: 17.9594 Degress C, stdev:4.30871
November: 19.7149 Degress C, stdev:4.63995
December: 23.3316 Degress C, stdev:4.79451
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation
``` |
|----|----|
| 38 | ```
Enter the Month: April
2007
S_T: Cannot divide by 0
S_R: Cannot divide by 0
T_R: Cannot divide by 0
2008
S_T: 0.434324
S_R: 0.436901
T_R: 0.602253
2010
``` |
| 39 | ```
2007
S_T: Data is not the same size
S_R: 0.685328
T_R: Data is not the same size
1) Average Wind Speed.
2) Average Ambient Air Temperature.
``` |
| 40 | ```
2014
S_T: 0.472428
S_R: 0.149317
T_R: 0.496175
2015
S_T: 0.475746
S_R: 0.327215
T_R: 0.508037
2016
S_T: 0.47313
S_R: 0.361648
T_R: 0.538994
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
``` |

| 41 | ```
4) All.
5) Exit
4
Enter the year: 5
1) Average Wind Speed.
2) Average Ambient Air Temperature
3) Total Solar Radiation.
4) All.
5) Exit

    Logs & others
``` | **WindTempSolar - Notepad**<br>File  Edit  Format  View  Help<br><br>5<br>No Data found |
| 42 | ```
4
Enter the year: 2007
canot divide by 0
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit
``` | **WindTempSolar - Notepad**<br>File  Edit  Format  View  Help<br><br>2007<br>January,5.5(0.707107),,0.227667 |
| 43 | ```
4
Enter the year: 2009
cannot divide by 0
1) Average Wind Speed.
2) Average Ambient Air Temperature
3) Total Solar Radiation.
4) All.
5) Exit

                    96
                    97
                    98
``` | **WindTempSolar - Notepad**<br>File  Edit  Format  View  Help<br><br>2009<br>February,4.73333(2.39654),28.4758(4.85623), |
| 44 | ```
4
Enter the year: 2009
canot divide by 0
1) Average Wind Speed.
2) Average Ambient Air Temperature.
3) Total Solar Radiation.
4) All.
5) Exit

    Logs & others
      Code::Blocks    X
``` | **WindTempSolar - Notepad**<br>File  Edit  Format  View  Help<br><br>2009<br>February,,28.4758(4.85623),8.3265 |
| 45 | ```
4) All.
5) Exit
4
Enter the year: 2007
1) Average Wind Speed.
2) Average Ambient Air Temp
3) Total Solar Radiation.
4) All.
5) Exit
``` | **WindTempSolar - Notepad**<br>File  Edit  Format  View  Help<br><br>2009<br>No Data found<br>2007<br>January,8.13636(1.3556),24.4995(0.687449),3.37017 |