

System Test Plan for WeatherReporter

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C.

Test ID	Description	Expected Results	Actual Results
Testing week of input Dr. Schmidt	<i>Preconditions:</i> WeatherReporter program started input file name? test-files/RaleighWeather2010-firstWeek.txt	01/01/2010 Low: 34.0 High: 48.0 Rain: no Snow: no 01/02/2010 Low: 24.1 High: 48.0 Rain: no Snow: no 01/03/2010 Low: 18.0 High: 32.0 Rain: no Snow: no 01/04/2010 Low: 17.1 High: 36.0 Rain: no Snow: no 01/05/2010 Low: 17.1 High: 36.0 Rain: no Snow: no 01/06/2010 Low: 18.0 High: 41.0 Rain: no Snow: no 01/07/2010 Low: 19.0 High: 48.0 Rain: no Snow: no	01/01/2010 Low: 34.0 High: 48.0 Rain: no Snow: no 01/02/2010 Low: 24.1 High: 48.0 Rain: no Snow: no 01/03/2010 Low: 18.0 High: 32.0 Rain: no Snow: no 01/04/2010 Low: 17.1 High: 36.0 Rain: no Snow: no 01/05/2010 Low: 17.1 High: 36.0 Rain: no Snow: no 01/06/2010 Low: 18.0 High: 41.0 Rain: no Snow: no 01/07/2010 Low: 19.0 High: 48.0 Rain: no Snow: no
Testing file not found and reprompt Benjamin Uy	<i>Preconditions:</i> WeatherReporter program started input file name? test-files/WeatherReporter.txt	File not found. Please try again. input file name?	File not found. Please try again. input file name?
Testing day with negative low and high temp over 100 Benjamin Uy	<i>Preconditions:</i> WeatherReporter program started input file name? test-files/ExtremeWeatherDay.txt	01/01/2020 Low: -10.2 High 123.4 Rain: no Snow: no	01/01/2020 Low: -10.2 High 123.4 Rain: no Snow: no

Testing day with snow and rain Benjamin Uy	Preconditions: WeatherReporter program started input file name? test-files/RainyAndSnowy.txt	01/01/2020 Low: 30.1 High: 56.0 Rain: yes Snow: yes	01/01/2020 Low: 30.1 High: 56.0 Rain: yes Snow: yes
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