

# 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? <b>test-files/RaleighWeather2010-firstWeek.txt</b>	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? <b>test-files/WeatherReporter.txt</b>	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? <b>test-files/ExtremeWeatherDay.txt</b>	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? <b>test-files/RainyAndSnowy.txt</b>	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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