

## Weather Man

Attached files contain weather data for different areas and different time spans. Write an application that generates the following reports.

1. For a given year display the highest temperature and day, lowest temperature and day, most humid day and humidity.

**ruby weatherman.rb -e 2002 /path/to/filesFolder**

Highest: 45C on June 23

Lowest: 01C on December 22

Humid: 95% on August 14

2. For a given month display the average highest temperature, average lowest temperature, average humidity.

**ruby weatherman.rb -a 2005/6 /path/to/files**

Highest Average: 39C

Lowest Average: 18C

Average Humidity: 71%

3. For a given month draw two horizontal bar charts on the console for the highest and lowest temperature on each day. Highest in red and lowest in blue.

**ruby weatherman.rb -c 2011/03 /path/to/files**

March 2011

01 ++++++ 25C

01 ++++++ 11C

02 ++++++ 22C

02 ++++++ 08C

4. BONUS TASK. For a given month draw one horizontal bar chart on the console for the highest and lowest temperature on each day. Highest in red and lowest in blue.

**ruby weatherman.rb -c 2011/3 /path/to/files**

March 2011

01 ++++++ 11C - 25C

02 ++++++ 08C - 22C

In case of any question, please feel free to ask.