

## Assignment 1

- Run the simple MapReduce example in the book (the weather dataset example).
- Get the code and input data, or type it in as shown in Example 2-3, 2-4, and 2-5 in the book.
- I recommend downloading all of the code examples from here:  
<https://github.com/tomwhite/hadoop-book/> (just press the zip button).
- Unzip the downloaded file, hadoop-book-master.zip, and you will see the code example for this assignment in Ch02 directory.
- For the Java example, see directory: hadoop-bookmaster\ch02\src\main\java.
- The files MaxTemperature.java, MaxTemperatureMapper.java, and MaxTemperatureReducer.java are what you need.
- The small sample data for the weather example is in file:  
hadoop-book-master\input\ncdc\micro\sample.txt

- Email me if you have trouble, it is also ok to work together if you get stuck.
- Hand in all of the following items at next class:
- Evidence that you have installed Hadoop and it is working (e.g. show that this command runs: “hadoop version”)
- Evidence that the Java program runs using Eclipse  
(remember to set runtime arguments in “Run -> Run Configurations... -> Arguments”)
- Evidence that the correct output is obtained  
(similar to the output in section ‘A Test Run’ on pp.25-26)