Programming test

Candidate for a software development position

Karen Clark & Company

Use the NOAA Best Track Data (HURDAT2) to identify all hurricanes that have made landfall in Florida since 1900.

Using a programming language of your choice, build an application to parse the HURDAT2 data, identify the storms that made landfall in Florida, and output a report listing the name, date of landfall, and max wind speed for each event.

Your code should be well commented and organized so other programmers can understand how it works. During your interview, be prepared to walk through the code, discuss your design choices, and take notes on any feedback. After the interview, you will have the opportunity to take the same project further and incorporate feedback from the interview to expand your solution.

You will find the HURDAT2 data set (5.9 MB file) and the HURDAT2 format specification on the NOAA website.

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