Sorting Strings

Task

Write a function that takes in a list of strings, and returns the same list sorted in a human-friendly way. Some different cases you should handle include the following:

- Numbers: ["-1", "2", ".2", "10", "-2.4"] => ["-2.4", "-1", ".2", "2", "10"]
- Dates: ["2016-10-12", "2016-10-10", "2017-01-01"] => ["2016-10-10", "2016-10-12", "2017-01-01"]
- Alphabetic strings (ignore case): ["Apple", "Watermelon", "bacon"] => ["Apple", "bacon", "Watermelon"]

If a string is a concatenation of multiple types, resolve the types in the order they appear: for example ["android2.2", "Android13.0", "iOS1.0", "iOS1.3"] would be in acceptable sorted order. The list might also have more than one acceptable output (both ["1", "3", "apple"] and ["apple", "1", "3"] are reasonable).

If there is a case not explicitly specified above, <u>use your best judgment</u>.

We expect you to spend roughly 2 - 3 hours on this assignment. As such, we do not expect you to solve all possible corner cases. Instead, you should focus on the easier inputs before working on the more complicated ones. We will evaluate your assignment based on its correctness, readability, and extensibility.

Instructions

We've provided you with a link to a Coderpad in the language of your choice (Python, JavaScript, Ruby, or PHP). There should be a function called **sort_strings()**.
1. Complete the implementation of **sort_strings()** as described above.
2. While you're free to research around the subject on the Internet, all the code you write must be your own.
3. If there's an edge case you didn't get to solve, note them at the top of the file as comments so we know you're aware of them.
4. Before you submit the assignment, sanity check your solution by running **sort_strings(["1", "3", "2"])** and make sure you see the expected output.
5. Once you complete the assignment, respond to this email to let us know. Please do not make more edits to this file once you've submitted.

Good luck!