



#30DaysOfCode / Mobile Track

Day 12

Track 1:

List Ops:

Implement basic list operations.

In functional languages list operations like length, map, and reduce are very common. Implement a series of basic list operations, without using existing functions.

The precise number and names of the operations to be implemented will be track dependent to avoid conflicts with existing names, but the general operations you will implement include:

- append (given two lists, add all items in the second list to the end of the first list);
- concatenate (given a series of lists, combine all items in all lists into one flattened list);
- filter (given a predicate and a list, return the list of all items for which predicate(item) is True);
- length (given a list, return the total number of items within it);
- map (given a function and a list, return the list of the results of applying function(item) on all items);
- reverse (given a list, return a list with all the original items, but in reversed order);

Track 2:

Twitter App Mock (FEEDS)