1. Write a lambda function to rearrange positive and negative numbers in a given list

   Sample output:
   original_list = [-1,2,-3,4,-5,6,-7,8,-9,10,-11,12]
   resulting_list = [2,4,6,8,10,12,-11,-9,-7,-5,-3,-1]

2. Create a new dataframe using week_11/temperatures/temperature.csv file from last class. It should have the datetime column and one of the cities. Create a new boolean column called is_freezing that indicates if the temperature is at or below freezing. Use a lambda to create this column. Is there a better way to do this than with a lambda?

3. BONUS: if you still have time, try to do a pivot of the data in question 2 so you have the hourly data for all the cities and a flag for if it's freezing.