Functional Python Lab 1.

1. Creating a customized iterable object.

In the lab1 data directory there is a file called *skiresorts.txt.* This is a list of ski resorts in the United States.

Each line contains the following data:

1. Resort Name

2. Resort State

3. Resort Rating

4. Number of Ski Lifts

5. Adult day pass price in USD.

The task is to create two classes:

ski_resort and,

ski_resorts

The ski_resorts class will contain a list of the ski_resort objects.

Ski_resorts should be an iterable object.

You should be able to print ski_resorts in the following orders:

1. Order in which the ski resorts were added.

2. Sorted by Ticket Price

3. Sorted by Rating

4. Sorted by alphabetical order.

Remember that you will have to deal with the currency symbol in the price.