SHP Spring 2018
February 17th 2017 Assignment (Accelerated)

You will make a `CDCollection` class and a `CD` class. And then create a `CDTester` to demonstrate the methods in your classes.

<Requirements>
1. CD class has the following instance variables:
- title
- artist
- cost
- number of tracks on CD

2. CD class must have these methods: `init, str, cmp`

3. CDCollection has these instance variables:
- a list to store CDs
- count of CDs
- total cost

and these methods:
- `addCD(self, title, artist, cost, tracks):`
  add a CD with the specified attributes to the collection
- `sortCD(self):`
  sort CDs within the collection using the cmp function for CD
  ** use sorting algorithms!
- `removeCD(self, title):`
  remove the CD with the specified title
- `__str__(self):`
  print whatever looks nice to you as a representation of a CD Collection (could include titles in order, total # CDs, total cost, etc.)

4. You can write your CDTester however you want. You can hardcode the CDs you put in or take in input from the user.
Just demonstrate all your methods: show how your CDCollection prints, demonstrate the add and remove functions, etc.