

Revision Tue:

1. You have learned how to compare two songs and sort them according to their durations. Now you will do the same for the playlists, where you will sort two playlists according to their number of songs. Define a second playlist class named `Playlist_RevTue`.

The `Playlist_RevTue` class needs to implement the `Comparable` interface,

- Instance Data Members:
 - Same data members as `Playlist` class
- Methods:
 - Same methods as `Playlist` class
- Additional `Playlist_RevTue` methods:
 - `compareTo` method:
 - should compare the two playlists relative to their number of songs
 - the `Playlist_RevTue` class must implement the `Comparable` interface

2. Define another main class named `MusicApp_RevTue` with the same menu and add an extra option where users will be able to sort the playlists according to their number of songs.

Example:

(Example where two playlists are created and sorted, first they are sorted according to creation time, then after using option 6, they are sorted according to the number of songs descending)

```
1 - Create a new Playlist
2 - Display the Playlist
3 - Sort the Playlist
4 - Remove song by index from the current Playlist
5 - Display all Playlists
6 - Sort the playlists
7 - Exit
5
```

All playlists:

```
-----
Playlist Name: playlist
Creator Name: user1
Genre: genrel
-----
Song Name: test
Artist Name: test
Album Name: test
Duration: 57:14
Times Played: 333123
-----

-----
Playlist Name: playlist2
Creator Name: user2
Genre: genre2
-----
Song Name: test
Artist Name: test
Album Name: test
Duration: 5:24
Times Played: 38742
-----
Song Name: test
```

Artist Name: test
Album Name: test
Duration: 6:12
Times Played: 2673892

Song Name: test
Artist Name: test
Album Name: test
Duration: 12:43
Times Played: 2783923

1 - Create a new Playlist
2 - Display the Playlist
3 - Sort the Playlist
4 - Remove song by index from the current Playlist
5 - Display all Playlists
6 - Sort the playlists
7 - Exit
6

Sorted playlists:

Playlist Name: playlist2
Creator Name: user2
Genre: genre2

Song Name: test
Artist Name: test
Album Name: test
Duration: 5:24
Times Played: 38742

Song Name: test
Artist Name: test
Album Name: test
Duration: 6:12
Times Played: 2673892

Song Name: test
Artist Name: test
Album Name: test
Duration: 12:43
Times Played: 2783923

Playlist Name: playlist
Creator Name: user1
Genre: genrel

Song Name: test
Artist Name: test
Album Name: test
Duration: 57:14
Times Played: 333123