

Keith Austin and Nick Largey (submitting)  
CSCI290 - Part 1  
Due – 1/1/2021

The output from the Song.java class:

Compile-single:

Run-single:

testing getArtist: Professor B

testing getTitle: Small Steps

testing getLyrics:

Write your programs in small steps

small steps, small steps

Write your programs in small steps

Test and debug every step of the way.

testing toString:

Song 1: Professor B, "Small Steps"

Song 2: Brian Dill, "Ode to Bobby B"

Song 3: Professor B, "Debugger Love"

testing compareTo:

Song1 vs Song2 = 14

Song2 vs Song1 = -14

Song1 vs Song3 = 15

Song3 vs Song1 = -15

Song1 vs Song1 = 0

BUILD SUCCESSFUL (total time: 4 seconds)

The output from the SongCollection.java class:

Compile:

Run:

Total songs = 10514, first songs:

Aerosmith, "Adam's Apple"

Aerosmith, "Ain't Enough"

Aerosmith, "Ain't that a Bitch"

Aerosmith, "All Your Love"

Aerosmith, "Amazing"

Aerosmith, "Angel"

Aerosmith, "Angel's Eye"

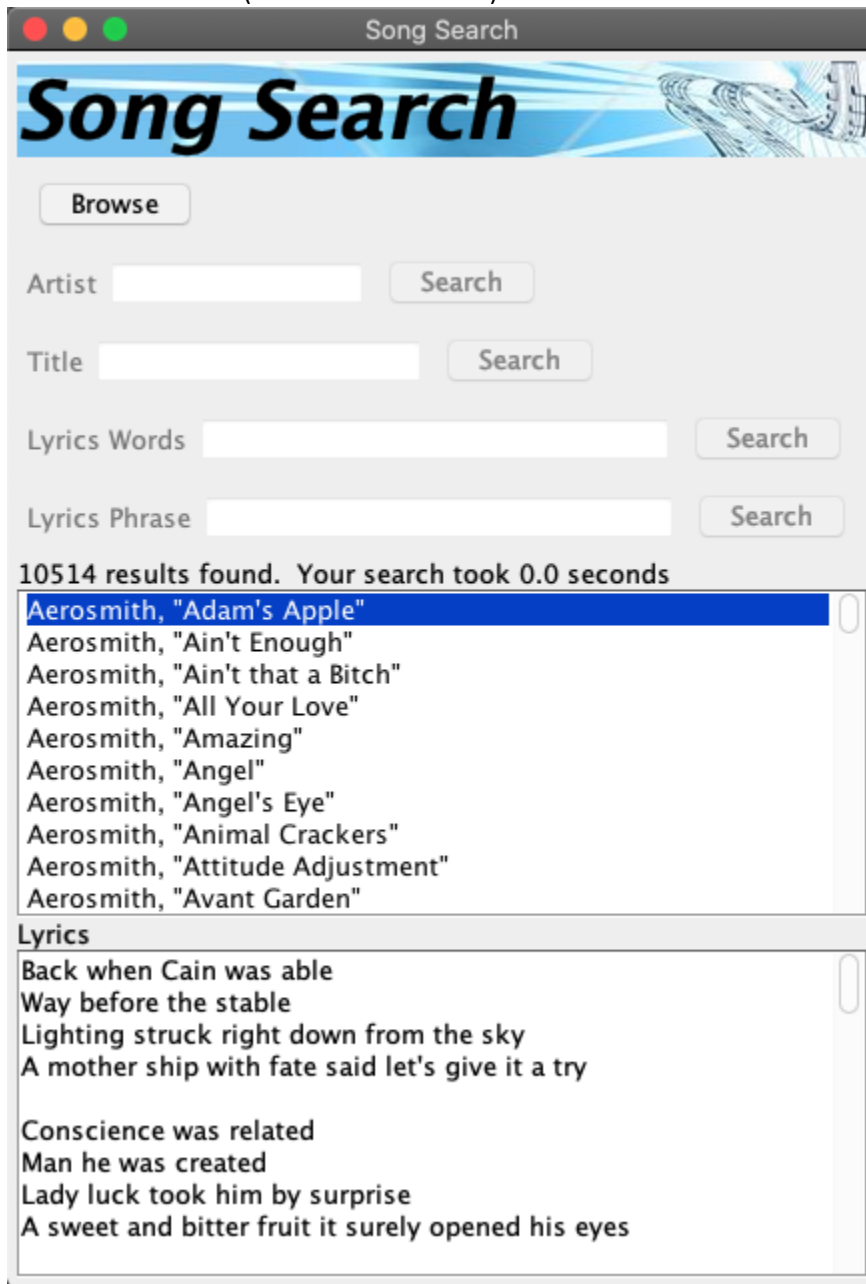
Aerosmith, "Animal Crackers"

Aerosmith, "Attitude Adjustment"

Aerosmith, "Avant Garden"

The Output from the SongSearch GUI:

BUILD SUCCESSFUL (total time: 1 second)



The screenshot shows a window titled "Song Search" with a blue header bar containing the text "Song Search" and a graphic of a guitar. Below the header, there are four search input fields, each with a "Search" button: "Artist", "Title", "Lyrics Words", and "Lyrics Phrase". A "Browse" button is located above the "Artist" field. Below the search fields, a status bar indicates "10514 results found. Your search took 0.0 seconds". The results are displayed in a list box, with the first item, "Aerosmith, 'Adam's Apple'", highlighted in blue. Below the list box, there is a section titled "Lyrics" containing the lyrics for "Adam's Apple".

**Song Search**

Browse

Artist  Search

Title  Search

Lyrics Words  Search

Lyrics Phrase  Search

10514 results found. Your search took 0.0 seconds

- Aerosmith, "Adam's Apple"
- Aerosmith, "Ain't Enough"
- Aerosmith, "Ain't that a Bitch"
- Aerosmith, "All Your Love"
- Aerosmith, "Amazing"
- Aerosmith, "Angel"
- Aerosmith, "Angel's Eye"
- Aerosmith, "Animal Crackers"
- Aerosmith, "Attitude Adjustment"
- Aerosmith, "Avant Garden"

**Lyrics**

Back when Cain was able  
Way before the stable  
Lighting struck right down from the sky  
A mother ship with fate said let's give it a try

Conscience was related  
Man he was created  
Lady luck took him by surprise  
A sweet and bitter fruit it surely opened his eyes