

ECE 325 Lab 3

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1. The Song class contains two equals() methods. Explain the difference using your knowledge about inheritance.

The first method is an overriding of the inherited method from the Object class, while the second overloads the first to apply specifically when the argument is a Song object.

2. Why do we need the version of equals() that takes an Object as the parameter in this class?

We need to override the equals(Object o) method first because the superclass method is called before the equals(Song s) method. We need to make sure you can redirect to the equals(Song s) method if it is a Song.