Assignment 10

**For this assignment, you are allowed to modify the example landscaping program for this assignment.**

1. You have name your file database.java.

Create a program of a database of CDs. The database should be able to store upto 50 CDs and you should initially have 20 CDs in the database. You should hardcode in the CDs in your program with a method so they would not have to be manually entered every time the program is run. The program should create a class of CDs that has global variables of groupName, cdName and year it was released.

The program should have a method that allows the user to search the database for a group (or artist) and the method should return all the albums by that group or artist. **(This is optional).** There should be a search method by the same name (overloaded method) that allows the user to enter a year and return all CDs that were released that year. There should be methods that allow the user to enter a CD into the database or (**This is optional)** remove a CD from the database. There should be a method that allows the user to display all the CDs in the database in the following format:

**Group Album Year  
The Tragically Hip Day for Night 1995  
U2 Best of 1990-2000 2002**