Due date: Today, by the end of the lab period
Goal: To NOT CRASH THE COMPUTER!!!!

1.Create a **Record** Class

   a. With the following five attributes:

➢ The artist's name

➢ Song title

➢ Publication year

➢ Selling price

➢ ID which is different for every Record

b. Default Constructors as well as accessors and mutators

c. Implement the Serializable class

2. Create a **Driver** class:

   a. Create 10 records

   b. Write each of them to a binary file

   c. Change the song title and artist of 2-3 Record Objects through the use of the class' mutators

   d. Load the written objects from the binary file and add any that have changed

   ➢ This could include the concept of appending

   ➢ Assume no new Objects have been added to the binary file / not hacked

   ➢ Each Object must have a unique ID no duplicates

   e. Print out the New results of the binary file in comparison to the previous one

   Submission: Once you are done:

   1. Upload your program here: https://fis.encs.concordia.ca/eas/

      Please name your file following this
      convention:
      ● If the work is done by 1 student: Your file should be called *lab8_studentID*,
      where *studentID* is your student ID number.