



Introduction to Programming

Pass Task 5.2: Music Records

Overview

- Purpose:** Produce a simple Ruby program which reads and writes custom data types (records).
- Task:** Modify the provided code.
- Submit To:** Canvas when complete
- Time:** This task should be started in your fifth lab class and submitted for feedback before the start of week 8.
- Resources:** [Flanagan, D. & Matsumoto, Y. 2008 The Ruby Programming Language, O'Reilly.](#)

Submission Details

You must submit the following files to Canvas:

- Basic *music_record.rb* source code
- Screenshot of the window showing the execution of your program.

Make sure that your task has the following in your submission:

- The program must read and print an Album record.
- Code must follow the Ruby coding convention used in the unit (layout, and use of case).
- The code must run and the screenshot show it working.
- Your program must have a *main* procedure.
- Your program must have the indicated variables and use them appropriately.

Instructions

Use the code provided (from this task's resources in Canvas) to get started.

You must enhance the code provided as follows:

1. Add the missing code to the function/method `read_album()`
2. Add the missing code to the procedure/method `print_album()`
3. **Optional:** Add an `initialize()` method to the Album class/record definition.

The code should work similar to the following when run:

```
Enter Album
Enter album name:
Greatest Hits
Enter artist name:
Don McClean
Enter Genre between 1 - 4:
2
Album information is:
Greatest Hits
Don McClean
Genre is 2
Classic
```

Now that the Task is complete you can submit it for assessment, which will help prepare it for your portfolio.

1. Use your preferred screenshot program to take a screenshot of the program's window, as this is one of the things you will need to submit.
2. Once you get things working you **do not** want to lose them.
 - Work on your computer's storage device most of the time... but backup your work when you finish each task.
 - Use **Dropbox** or a similar online storage provider, as well as other locations.
 - Canvas is not a Backup of your work, so make sure you keep a copy!
 - A USB key and portable hard drives are good secondary backups... but can be lost/damaged (do not rely upon them).
3. Login to Canvas, and locate Pass Task 5.2.
4. Change the status of the task to **Ready To Mark**
5. Upload your completed code and the screenshot.
6. If you check back later Canvas will have prepared these as PDFs for your tutor to assess.

You now have another of your first portfolio pieces. This will help demonstrate your learning

Note: This is one of the tasks you need to **submit to Canvas**. Check the assessment criteria for the important aspect your tutor will check.

End of Task