NAVIGATION

Home
- My home
  - My profile
  - Current course
    - CS 2114 Spr 2016
      - Participants
      - March 28 - April 3
      - OpenDSA HW Assignment 5, Sorting
      - OpenDSA HW Assignment 6, Trees
      - Reading Quiz 10 2016S
      - Lab 10: Pre-Lab Activity
      - Lab 10: Post-Lab Activity, due on WebCAT by 6:55 S...
      - Lecture 15 Sorting (updated 3/28/16 at 11:56am)
      - Practice Problems Week 10
      - Lecture 16A Iterators
      - Lecture 16B Testing
      - Project 5 Intermediate Submission
      - Reference Test for Prj 5 Intermediate Submission
      - Input Test Files for Project 5 Intermediate Submis...
  - My courses

SETTINGS

Course administration

My profile settings

PROJECT 5 INTERMEDIATE SUBMISSION

Home › CS 2114 Spr 2016 › March 28 - April 3 › Project 5 Intermediate Submission

Project 5 Intermediate Submission

Submit your updated UML and screen shot in a single PDF.

Name your file group < group number>_ < submitterPID>.pdf, for example group110_maellis1.pdf

Put your group number and all of your group member PIDs at the top of the document.

Your group should have one and only one person submit, your group submitter, submit to both WebCAT and Moodle.

Refer to the spec for our grading criteria.

For the updated UML include prose about any changes you made from your design submission.

Submit your code to WebCAT.

For your code, remember WebCAT will be expecting you to test all classes that are not front end. Web CAT will also be testing that your code generates the correct output for the 2 views. The intention is to develop in pieces and test the backend before connecting it to the front end. This will require you to follow some additional guidelines:

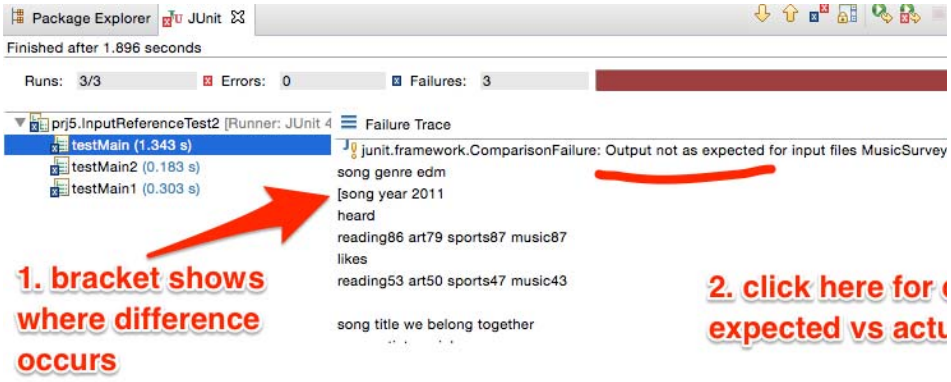
- The class that contains your main method, must be called Input. Your Input class must be in a package called prj5. You are not required to write a testclass for Input. From Moodle you can download the test class InputReferenceTest.java that WebCAT will be using. You can also download sample input file(s) and output file(s).
- Your main methods should expect the survey data file as the first argument to main and the song list data file as the second argument to main. Remember that in Lab 05 Ice Cream Cone Stack there was practice using command line arguments.
- You should generate output for the two cases by writing to standard out. You can use System.out.println() for this.
- Your code needs to first output the list of songs with the percentages by hobby and sorted by genre and then output the list of songs with the percentages by hobby and sorted by title. To do this you will likely need to:
  - call the method that your Represent Hobbies button would call
  - call the method that your Sort by Song Title button would call
  - call a supplementary method that outputs the data from your songs as detailed below
  - call the method that your Sort by Genre button would call
  - call a supplementary method that outputs the data from your songs as detailed below.

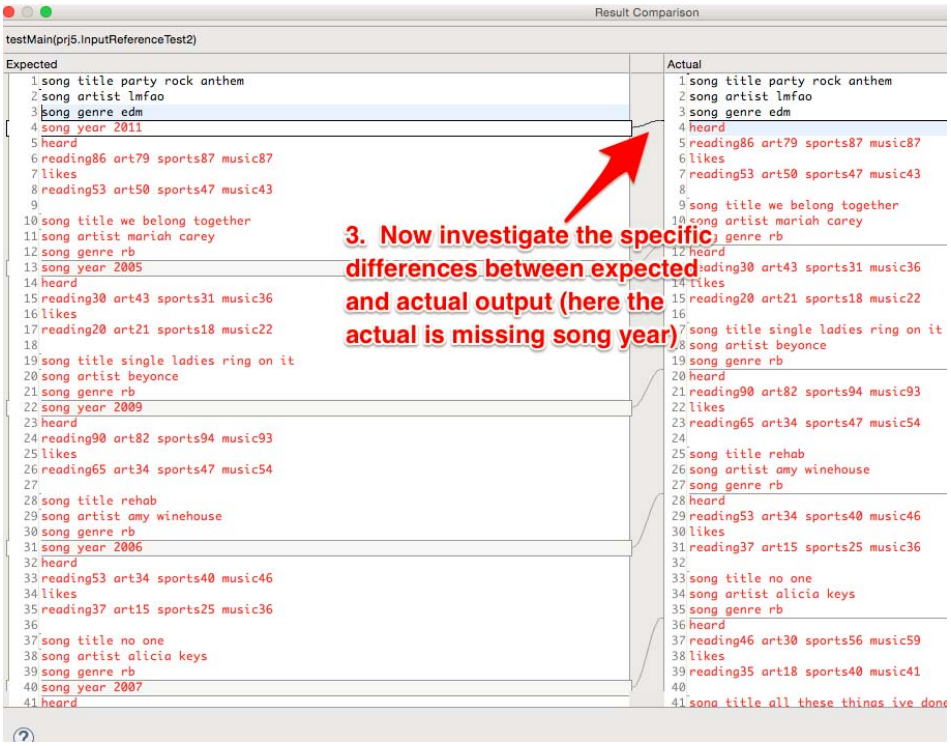
The hobbies should be output in the same order they are displayed in the demo video. Output should be shown for all hobbies regardless of whether or not those hobbies appear in the current data. The only output should be what is generated for this testing, stray System.out.println() statements will impact the correctness of your output. Your output for each song should be in the following format:

```
1 Song Title: All These Things I've Done
```

```
Song Artist: The Killers
Song Genre: alternative
Song Year: 2005
Heard
reading:0 art:0 sports:50 music:0
Likes
reading:0 art:0 sports:50 music:100
```

Web CAT will only give you high level error messages. In order to debug you will likely need to import the InputReferenceTest2.java file into your project along with the input files. All of these are posted on Moodle next to the Intermediate Submission. You will likely find the debugger helpful, also take advantage of the information gives you about the difference between expected and actual output. These images give you tips on how to compare expected and actual output, notice that assertFuzzyEquals strips punctutation for comparison purposes.





Rubric

This submission is worth 20% of your project 5 grade. It will be scored:

- 10 pts for updated UML
- 30 pts for Screen Shot of GUI your code creates
- 5 pts for enough code written and tested to accomplish tasks

- 55 pts from Web CAT (10 for style and coding, 45 for correct text output generation and testing)

Submission status

Submission status	Nothing has been submitted for this assignment
Grading status	Not graded
Due date	Saturday, April 16, 2016, 8:00 AM
Time remaining	Assignment is overdue by: 41 days 7 hours

You are logged in as Mykayla Fernandes (Logout)

CS 2114 Spr 2016