

Lindy Hagedorn

Week 11

Background

We have been developing a menu-driven application that demonstrates how to perform CRUD (Create, Read, Update, and Delete) operations on a project database. Thus far, we have learned how to create a connection to a MySQL database and how to insert records into a table. Then, we learned how to query for a list of records and for all details on a single record. In these exercises, we will learn the final two parts of CRUD: Updating and Deleting.

Objectives

In these exercises, you will:


- Modify project details using the UPDATE statement.

- Delete a project and all child rows using the DELETE statement.

- Observe that using ON DELETE CASCADE automatically deletes child rows with a foreign key relationship.

- Use the return value from `PreparedStatement.executeUpdate()` to determine if a row was updated or deleted.

Important

In the exercises below, you will see this icon: .

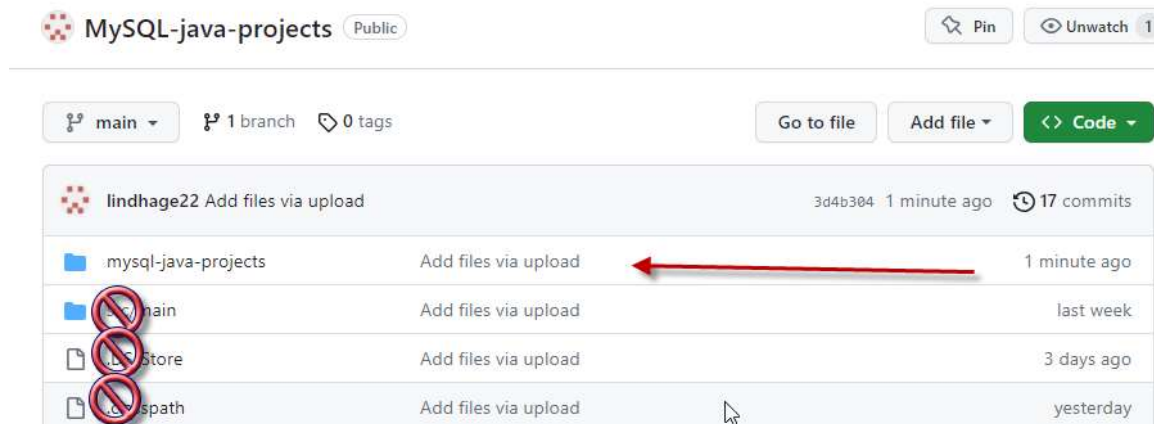
This means to make sure that you include this functionality in your video showcase.

Instructions

URL to GitHub Repository: <https://github.com/lindhage22/MySQL-java-projects>

FYI...Did not load things very pretty at the being.

Make sure to use Mysql-java-projects folder.



URL to Public Link of your Video: <https://youtu.be/drkqfBLoE50>

Instructions :

1. Follow the [Exercises](#) below to complete this assignment.
 - In Eclipse, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed.
 - Create a new repository on GitHub for this week's assignment and push your completed code to this dedicated repo, including your entire Maven Project Directory (e.g., mysql-java) and any .sql files that you create. In addition, screenshot your ERD and push the screenshot to your GitHub repo.
 - Include the functionality into your Video when you see: 📷
 - Create a video showcasing your work:
 - In this video: record and present your project verbally while showing the results of the working project. Don't forget to include the requested functionality, indicated by: 📷
 - Easy way to Create a video: Start a meeting in Zoom, share your screen, open

Eclipse with the code and your Console window, start recording & record yourself describing and running the program showing the results.

- Your video should be a maximum of 5 minutes.
- Upload your video with a public link.
- Easy way to Create a Public Video Link: Upload your video recording to YouTube with a public link.

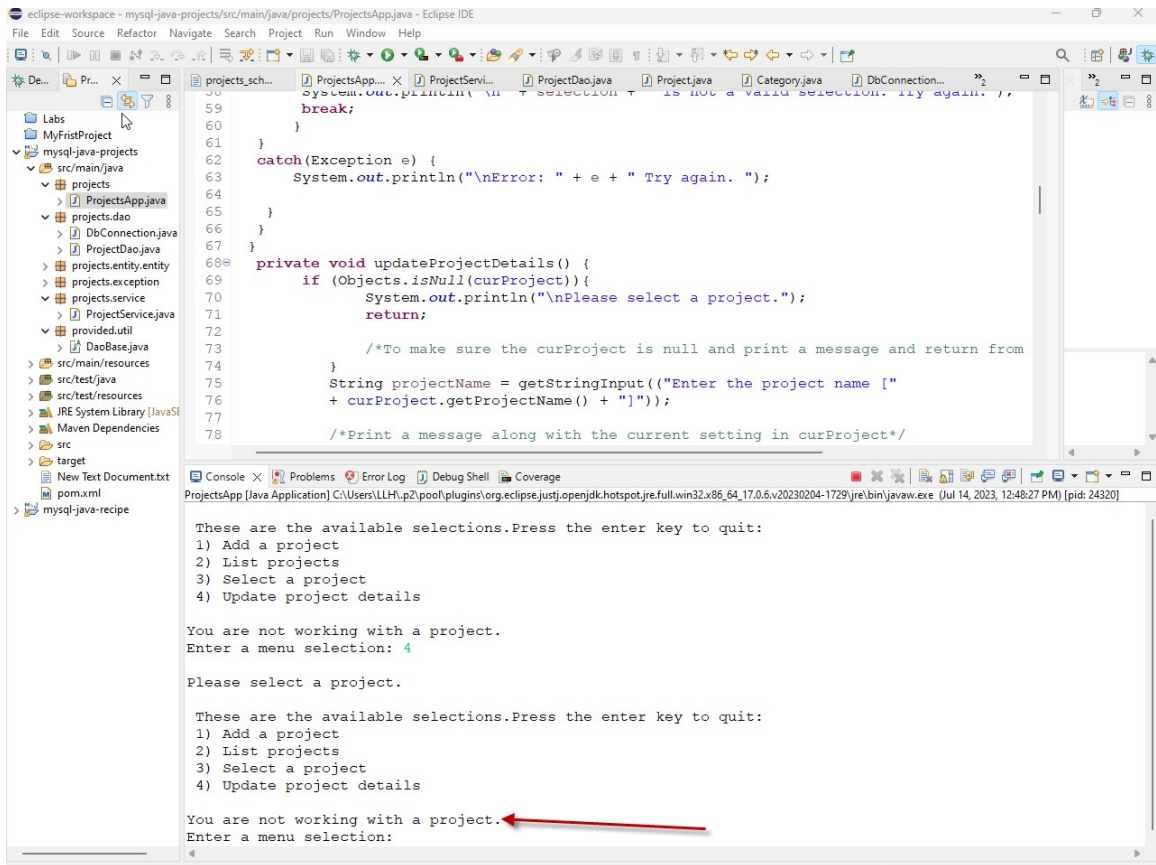
2. In addition, please include the following in your Coding Assignment Document:

- The URL for this week's GitHub repository.
- The URL of the public link of your video.

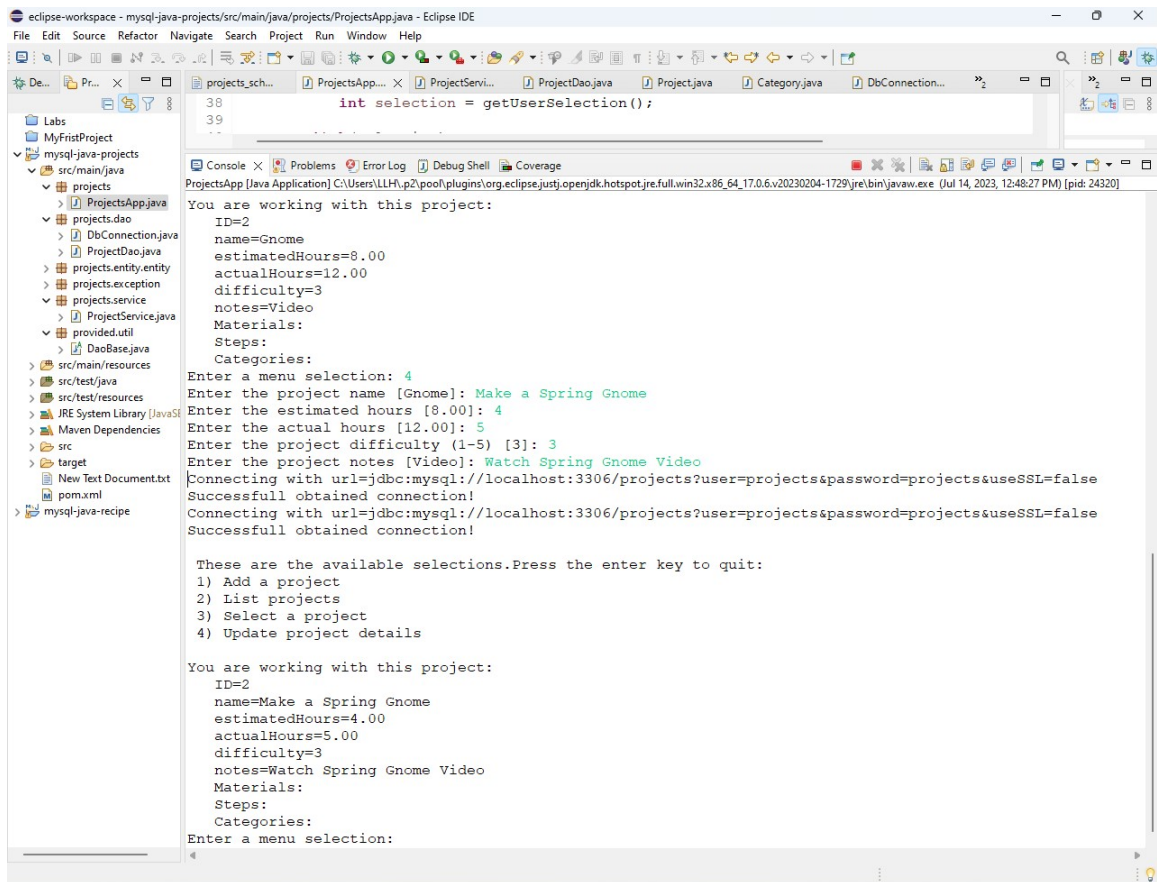
3. Save the Coding Assignment Document as a .pdf and do the following:

- Push the .pdf to the GitHub repo for this week.
- Upload the .pdf to the LMS in your Coding Assignment Submission.

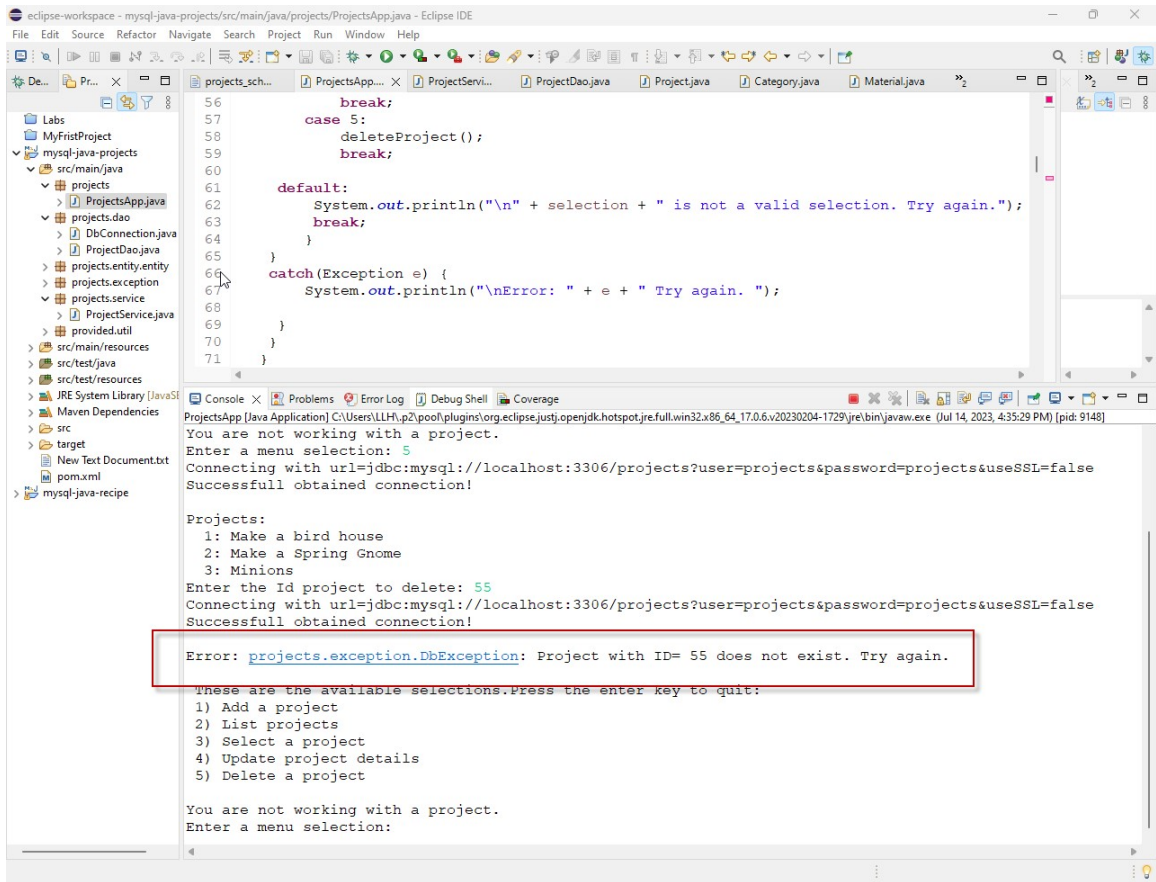
Test li-Page 6 Project Details without a project selected



Testing It-Page 6-Testing adding a project details



Testing It-Page 10-Project Id that is invalid



Testing It-Page 11-Delete a Project

