

## Instructions

**Points possible: 100**

**URL to GitHub Repository:**

**[https://github.com/MiloGonz1990/Promineo\\_Tech\\_Bootcamp/tree/main/final%20menu-driven%20app](https://github.com/MiloGonz1990/Promineo_Tech_Bootcamp/tree/main/final%20menu-driven%20app)**

**URL to Public Link of your Video : <https://youtu.be/l3pAXYavPQ0>**

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### Instructions :

1. Follow the [Exercises](#) below to complete this assignment.

1. 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.
1. 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.
2. Include the screenshots into this Assignment Document indicated by:
  1. Create a video showcasing your work:
    1. In this video: record and present your project verbally while showing the results of the working project.
    2. 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.
    3. Your video should be a maximum of 5 minutes.
    4. Upload your video with a public link.
    5. 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:

2. The requested screenshots, indicated by:
  3. The URL for this week's GitHub repository.
  4. The URL of the public link of your video.
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3. Save the Coding Assignment Document as a .pdf and do the following:
    1. Push the .pdf to the GitHub repo for this week.
    2. Upload the .pdf to the LMS in your Coding Assignment Submission.

These are the available selections. Press the Enter key to quit:

- 1) Add a project
- 2) list projects
- 3) Select a project
- 4) Update project details
- 5) Delete a project

You are working with project:

ID=2  
name=paint room  
estimatedHours=2.00  
actualHours=1.00  
difficulty=1  
notes=get paint from home depot  
Materials:  
Steps:  
Categories:

Enter a menu selection: 4

Enter the project name [paint room]: paint room door

Enter the estimated hours [2.00]: 1

Enter the actual hours [1.00]: 1

Enter the project difficulty (1-5) [1]: 1

Enter the project notes [get paint from home depot]: easy

Connection to schema projects is successful.

Connection to schema projects is successful.

These are the available selections. Press the Enter key to quit:

- 1) Add a project
- 2) list projects
- 3) Select a project
- 4) Update project details
- 5) Delete a project

You are working with project:

ID=2  
name=paint room door  
estimatedHours=1.00  
actualHours=1.00  
difficulty=1  
notes=easy  
Materials:  
Steps:  
Categories:

These are the available selections. Press the Enter key to quit:

- 1) Add a project
- 2) list projects
- 3) Select a project
- 4) Update project details
- 5) Delete a project

You are not working with a project.

Enter a menu selection: 5

Connection to schema projects is successful.

Projects:

- 1: Hang a door
- 2: paint room door gray

Enter the ID of the project to delete: 79

Connection to schema projects is successful.

Error: `projects.exception.DbException`: Project with ID= 79 does not exist. Try again.

These are the available selections. Press the Enter key to quit:

- 1) Add a project
- 2) list projects
- 3) Select a project
- 4) Update project details
- 5) Delete a project

You are not working with a project.

Enter a menu selection:

```
These are the available selections. Press the Enter key to quit:
1) Add a project
2) list projects
3) Select a project
4) Update project details
5) Delete a project

You are not working with a project.
Enter a menu selection: 4
Please select a project.
Error: java.lang.NullPointerException: Cannot invoke "projects.entity.Project.getProjectName()" because "this.curProject" is null Try again.
These are the available selections. Press the Enter key to quit:
1) Add a project
2) list projects
3) Select a project
4) Update project details
5) Delete a project

You are not working with a project.
Enter a menu selection:
```

```
These are the available selections. Press the Enter key to quit:
1) Add a project
2) list projects
3) Select a project
4) Update project details
5) Delete a project
```

```
You are not working with a project.
Enter a menu selection: 5
Connection to schema projects is successful.
```

```
Projects:
  1: Hang a door
  2: paint room door gray
Enter the ID of the project to delete: 2
Connection to schema projects is successful.
Project 2 was deleted successfully.
```

```
These are the available selections. Press the Enter key to quit:
1) Add a project
2) list projects
3) Select a project
4) Update project details
5) Delete a project
```

```
You are not working with a project.
Enter a menu selection: 2
Connection to schema projects is successful.
```

```
Projects:
  1: Hang a door
```

```
These are the available selections. Press the Enter key to quit:
1) Add a project
2) list projects
3) Select a project
4) Update project details
5) Delete a project
```

```
You are not working with a project.
Enter a menu selection:
```