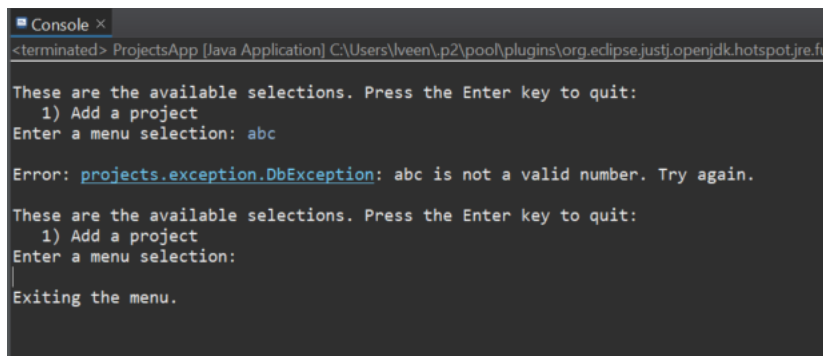Lucas Veenendaal

Week 9 Coding Assignment

This will test that a non-integer selection prints an error message and gracefully recovers. Run the application. Click in the Eclipse console so that input will go to the scanner. Enter "abc" (without quotes) and press Enter. You should get an error message and be prompted again to enter a valid selection. Now press Enter with no input. The application should quit. Take a screen shot to show the application output [camera icon]. It should look something like this:

This will test that entering a valid Integer without a corresponding case statement will print an error message and recover gracefully. Run the application. Click in the Eclipse console so that input will go to the scanner. Enter "5" (without quotes) and press Enter. You should get an error message and be prompted again to enter a valid selection. Now press Enter with no input. The application should quit.

Take a screen shot to show the application output [camera icon]. It should look something like this:

Test it

After all that coding, it's a good idea to test that it actually works. You need to ensure that you can add a project row to the project table with no errors.

1. Run the application.

2. Enter the menu selection "1".

3. Enter project name, estimated hours, actual hours, difficulty and notes.

Take a screen shot 📷 of the console output showing the data entry and the printed Project object. It should look something like this:

```
■ Console ×
<terminated> ProjectsApp [Java Application] C:\Users\lveen\.p2\pool\plugins\org.eclipse.justj.openjdk.

These are the available selections. Press the Enter key to quit:
   1) Add a project
Enter a menu selection: 1
Enter the project name: test
Enter the estimated hours: 1
Enter the actual hours: 2
Enter the project difficulty (1-5): 3
Enter the project notes: notes
Successfully obtained connection!
You have successfully created project:
   ID=1
   name=test
   estimatedHours=1.00
   actualHours=2.00
   difficulty=3
   notes=notes
   Materials:
   Steps:
   Categories:

These are the available selections. Press the Enter key to quit:
   1) Add a project
Enter a menu selection:

Exiting the menu.
```
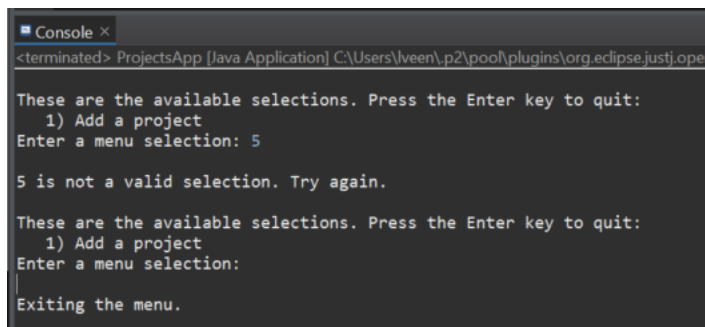
Github Repository:

https://github.com/LVeenendaal/Week-7-8