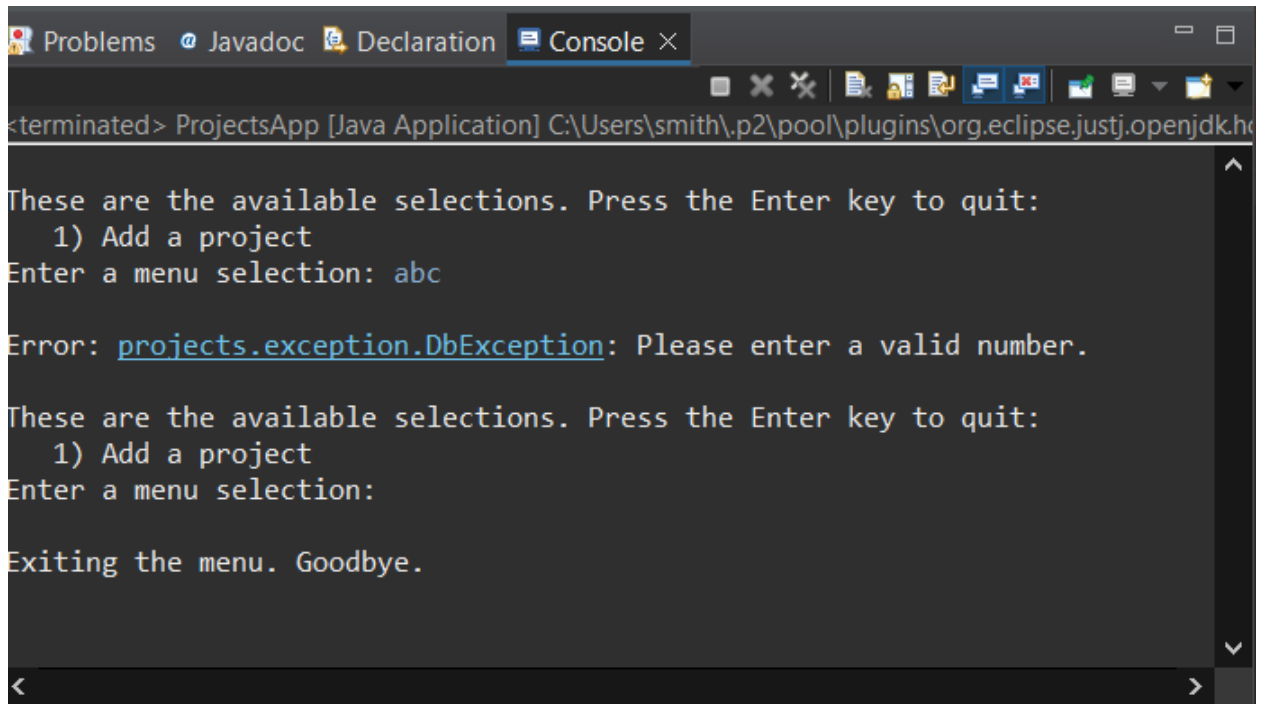


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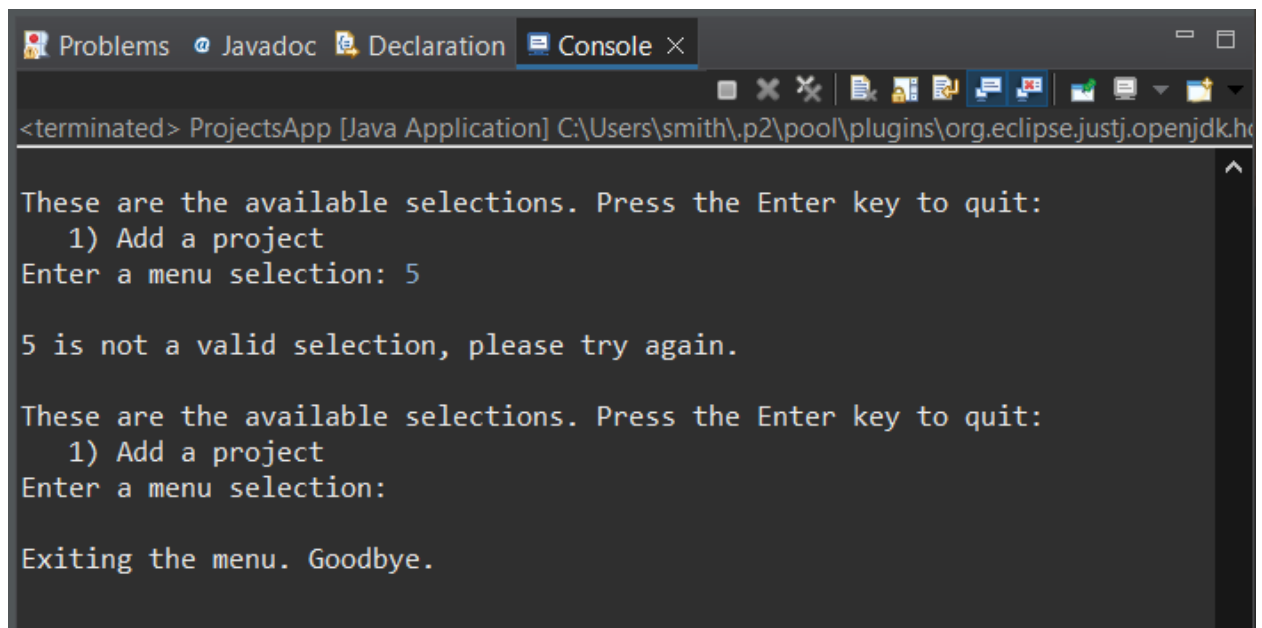
Snippet of console throwing DbException using invalid input.



The screenshot shows the Eclipse IDE's console window. The title bar includes tabs for 'Problems', 'Javadoc', 'Declaration', and 'Console'. The console output shows a Java application 'ProjectsApp' running. It displays a menu with one option, '1) Add a project'. When the user enters 'abc', an error is thrown: 'Error: projects.exception.DbException: Please enter a valid number.' The application then prompts the user again, and upon exiting the menu, it says 'Goodbye.'

```
<terminated> ProjectsApp [Java Application] C:\Users\smith\.p2\pool\plugins\org.eclipse.justj.openjdk.h  
These are the available selections. Press the Enter key to quit:  
  1) Add a project  
Enter a menu selection: abc  
  
Error: projects.exception.DbException: Please enter a valid number.  
  
These are the available selections. Press the Enter key to quit:  
  1) Add a project  
Enter a menu selection:  
  
Exiting the menu. Goodbye.
```

Snippet of console using a value out of input range.



The screenshot shows the Eclipse IDE's console window. The title bar includes tabs for 'Problems', 'Javadoc', 'Declaration', and 'Console'. The console output shows a Java application 'ProjectsApp' running. It displays a menu with one option, '1) Add a project'. When the user enters '5', the application responds with '5 is not a valid selection, please try again.' It then prompts the user again, and upon exiting the menu, it says 'Goodbye.'

```
<terminated> ProjectsApp [Java Application] C:\Users\smith\.p2\pool\plugins\org.eclipse.justj.openjdk.h  
These are the available selections. Press the Enter key to quit:  
  1) Add a project  
Enter a menu selection: 5  
  
5 is not a valid selection, please try again.  
  
These are the available selections. Press the Enter key to quit:  
  1) Add a project  
Enter a menu selection:  
  
Exiting the menu. Goodbye.
```

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Snippet of app running in its entirety.

```
Problems Javadoc Declaration Console X
<terminated> ProjectsApp [Java Application] C:\Users\smith\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_6

These are the available selections. Press the Enter key to quit:
  1) Add a project
Enter a menu selection: 1
Enter the project name: Hang doors
Enter the estimated length of project, in hours: 3
Enter the actual length of the project, in hours: 4
Enter the difficulty level (1-5): 3
Enter any projects notes you may have: No notes
Connection obtained successfully!
You have successfully created project:
  ID=1
  name=Hang doors
  estimatedHours=3.00
  actualHours=4.00
  difficulty=3
  notes=No 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. Goodbye.
```

[GitHub Repository](#)