

ProjectService.java | ProjectsApp.java | ProjectDao.java | projects\_schema.sql

```
1 package projects;
2
3 import java.math.BigDecimal;
11
12 public class ProjectsApp {
13
14     private Scanner scanner = new Scanner (System.in);
15     private ProjectService projectService = new ProjectService();
16
17     // @formatter:off
18     private List<String> operations = List.of(
19         "1) Add a project"
```

Console | Problems | Debug Shell

ProjectsApp (1) [Java Application] C:\Program Files\Java\jdk-17.0.4\bin\javaw.exe (Sep 3, 2022, 8:01:29 PM) [pid: 16972]  
Picked up \_JAVA\_OPTIONS: -Xmx512M  
  
These are the available selections. Press the Enter key to quit:  
1) Add a project 2) List projects  
Enter a menu selection:  
2  
Successfully obtained connection!  
  
Projects:  
1: Installing a window  
  
These are the available selections. Press the Enter key to quit:  
1) Add a project 2) List projects  
Enter a menu selection:

ProjectsApp (1) [Java Application] C:\Program Files\Java\jdk-17.0.4\bin\javaw.exe (Sep 4, 2022, 10:11:26 AM) [pid: 31036]

Picked up \_JAVA\_OPTIONS: -Xmx512M

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

- 1) Add a project
- 2) List projects
- 3) Select a project

You are not working with a project.

Enter a menu selection:

3

Successfully obtained connection!

Projects:

- 2: Hanging a door
- 1: Installing a window

Enter a project ID to select a project:

1

Successfully obtained connection!

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

- 1) Add a project
- 2) List projects
- 3) Select a project

You are working with project:

ID=1  
name=Installing a window  
estimatedHours=4.00  
actualHours=3.00  
difficulty=2  
notes=Take out old window and put in new window  
Materials:  
Steps:  
Categories:

Enter a menu selection:

ProjectsApp (1) [Java Application] C:\Program Files\Java\jdk-17.0.4\bin\javaw.exe (Sep 4, 2022, 10:40:21 AM) [pid: 34064]

Picked up \_JAVA\_OPTIONS: -Xmx512M

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

- 1) Add a project
- 2) List projects
- 3) Select a project

You are not working with a project.

Enter a menu selection:

3

Successfully obtained connection!

Projects:

- 2: Hanging a door
- 1: Installing a window

Enter a project ID to select a project:

99

Successfully obtained connection!

Error: `java.util.NoSuchElementException`: Project with project ID=99does not exist. Try again.

`java.util.NoSuchElementException`: Project with project ID=99does not exist.

```
    at projects.service.ProjectService.lambda$0(ProjectService.java:23)
    at java.base/java.util.Optional.orElseThrow(Optional.java:403)
    at projects.service.ProjectService.fetchProjectById(ProjectService.java:22)
    at projects.ProjectsApp.selectProject(ProjectsApp.java:73)
    at projects.ProjectsApp.processUsersSelection(ProjectsApp.java:52)
    at projects.ProjectsApp.main(ProjectsApp.java:28)
```

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

- 1) Add a project
- 2) List projects
- 3) Select a project

You are not working with a project.

Enter a menu selection:

ProjectDao.java ProjectsApp.java × ProjectService.java

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" 3) Select a project"