Package E... × **JUnit**

- assisted practice projects
- Java_Core [java-core main]
- unassisted pratcice projects

P1S4P1.java ×

```java
1  package javapract;
2  import java.util.ArrayList;
3
4
5
6
7  public class P1S4P1 {
8      public static void main(String[] args) {
9          System.out.println("\n**************************************\n");
10         System.out.println("\tWelcome to TheDesk \n");
11         System.out.println("**************************************");
12         optionsSelection();
13     }
14
15     private static void optionsSelection() {
16         String[] arr = {"1. I wish to review my expenditure",
17                         "2. I wish to add my expenditure",
18                         "3. I wish to delete my expenditure",
19                         "4. I wish to sort the expenditures",
20                         "5. I wish to search for a particular expenditure",
21                         "6. Close the application"
22         };
23         int slen = arr.length;
24         for (String s : arr) {
25             System.out.println(s);
26         }
27         ArrayList<Integer> expenses = new ArrayList<>();
28         expenses.add(1000);
29         expenses.add(2300);
30         expenses.add(45000);
31         expenses.add(32000);
32         expenses.add(110);
33
34         System.out.println("\nEnter your choice:\t");
35         Scanner sc = new Scanner(System.in);
36         int options = sc.nextInt();
37         switch (options) {
38             case 1:
39                 System.out.println("Your saved expenses are listed below: \n");
40                 System.out.println(expenses + "\n");
41                 optionsSelection();
42                 break;
43             case 2:
44                 System.out.println("Enter the value to add your Expense: \n");
45                 int value = sc.nextInt();
46                 expenses.add(value);
```

Console ×

```
P1S4P1 (1) [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe  (03-Apr-2024, 4:47:38 pm) [pid: 15052]

**************************************

        Welcome to TheDesk

**************************************
1. I wish to review my expenditure
2. I wish to add my expenditure
3. I wish to delete my expenditure
4. I wish to sort the expenditures
5. I wish to search for a particular expenditure
6. Close the application

Enter your choice:
3
You are about to delete all your expenses!
Confirm again by selecting the same option...

4
Oops... try again!
1. I wish to review my expenditure
2. I wish to add my expenditure
3. I wish to delete my expenditure
4. I wish to sort the expenditures
5. I wish to search for a particular expenditure
6. Close the application

Enter your choice:
1
Your saved expenses are listed below:

[1000, 2300, 45000, 32000, 110]

1. I wish to review my expenditure
2. I wish to add my expenditure
3. I wish to delete my expenditure
4. I wish to sort the expenditures
5. I wish to search for a particular expenditure
6. Close the application

Enter your choice:
```