

bankingapp-with-arrays - bankingapp-with-arrays/src/com/bankingapp/arrays/BankingAppArrays.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer ×
▼ bankingapp-with-arrays [indium.javabootcamp-bat
▼ JRE System Library [JavaSE-17]
▼ src
▼ com.bankingapp.arrays
 ▼ BankingAppArrays.java

BankingAppArrays.java ×
1 package com.bankingapp.arrays;
2
3 import java.util.Scanner;
4
5 class BankAccount {
6 int accountNumber;
7 String accountHolder;
8 double balance;
9
10 public BankAccount(int accountNumber, String accountHolder, double balance) {
11 this.accountNumber = accountNumber;
12 this.accountHolder = accountHolder;
13 this.balance = balance;
14 }
15 }
16
17 public class BankingAppArrays {
18
19 static final int MAX_ACCOUNTS = 100;
20 static BankAccount[] accounts = new BankAccount[MAX_ACCOUNTS];
21 static int totalAccounts = 0;
22
23 public static void addAccount(int accountNumber, String accountHolder, double balance)
24 if (totalAccounts < MAX_ACCOUNTS) {
25 accounts[totalAccounts++] = new BankAccount(accountNumber, accountHolder, bal
26 System.out.println("Account added successfully.");
27 } else {
28 System.out.println("Maximum number of accounts reached.");
29 }
30 }
31 }

Task List ×
Find
All Activate...

① Connect Mylyn
[Connect](#) to your task and ALM tools o
[create](#) a local task.

Outline ×
com.bankingapp.arrays
 > BankAccount
 > BankingAppArrays

Problems Javadoc Declaration Console ×

BankingAppArrays [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (01-Sep-2023, 10:26:13 am) [pid: 15676]

6] Exit
Enter your choice: 3

Writable

Smart Insert

133 : 2 : 5303

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Package Explorer

bankingapp-with-arrays [indium_javabootcamp-bat...]
JRE System Library [JavaSE-17]
src
com.bankingapp.arrays
BankingAppArrays.java

BankingAppArrays.java

```
31  
32 public static void viewAllAccounts() {  
33     System.out.println("All Accounts:");  
34     for (int i = 0; i < totalAccounts; i++) {  
35         System.out.println("Account Number: " + accounts[i].accountNumber);  
36         System.out.println("Account Holder: " + accounts[i].accountHolder);  
37         System.out.println("Balance: " + accounts[i].balance);  
38         System.out.println("-----");  
39     }  
40 }  
41  
42 public static void viewAccount(int accountNumber) {  
43     for (int i = 0; i < totalAccounts; i++) {  
44         if (accounts[i].accountNumber == accountNumber) {  
45             System.out.println("Account Number: " + accounts[i].accountNumber);  
46             System.out.println("Account Holder: " + accounts[i].accountHolder);  
47             System.out.println("Balance: " + accounts[i].balance);  
48             return;  
49         }  
50     }  
51     System.out.println("Account not found.");  
52 }  
53  
54 public static void updateAccount(int accountNumber, double newBalance) {  
55     for (int i = 0; i < totalAccounts; i++) {  
56         if (accounts[i].accountNumber == accountNumber) {  
57             accounts[i].balance = newBalance;  
58             System.out.println("Account updated successfully.");  
59             return;  
60         }  
61     }  
62 }
```

Task List

Find All Activate...

Connect Mylyn
Connect to your task and ALM tools
create a local task.

Outline
com.bankingapp.arrays
BankAccount
BankingAppArrays

Problems Javadoc Declaration Console

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Package Explorer BankingAppArrays.java Task List

bankingapp-with-arrays [Indium_javabootcamp-bat

JRE System Library [JavaSE-17]

src

com.bankingapp.arrays

BankingAppArrays.java

```
62     System.out.println("Account not found.");
63 }
64
65 public static void deleteAccount(int accountNumber) {
66     for (int i = 0; i < totalAccounts; i++) {
67         if (accounts[i].accountNumber == accountNumber) {
68             for (int j = i; j < totalAccounts - 1; j++) {
69                 accounts[j] = accounts[j + 1];
70             }
71             totalAccounts--;
72             System.out.println("Account deleted successfully.");
73             return;
74         }
75     }
76     System.out.println("Account not found.");
77 }
78
79 public static void main(String[] args) {
80     Scanner scanner = new Scanner(System.in);
81
82     while (true) {
83         System.out.println("Banking App Menu:");
84         System.out.println("1] Add Account");
85         System.out.println("2] View All Accounts");
86         System.out.println("3] View Account");
87         System.out.println("4] Update Account");
88         System.out.println("5] Delete Account");
89         System.out.println("6] Exit");
90         System.out.print("Enter your choice: ");
91         int choice = scanner.nextInt();
```

Task List

Find All Activate...

Connect Mylyn

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Outline

com.bankingapp.arrays

BankAccount

BankingAppArrays

Problems Javadoc Declaration Console

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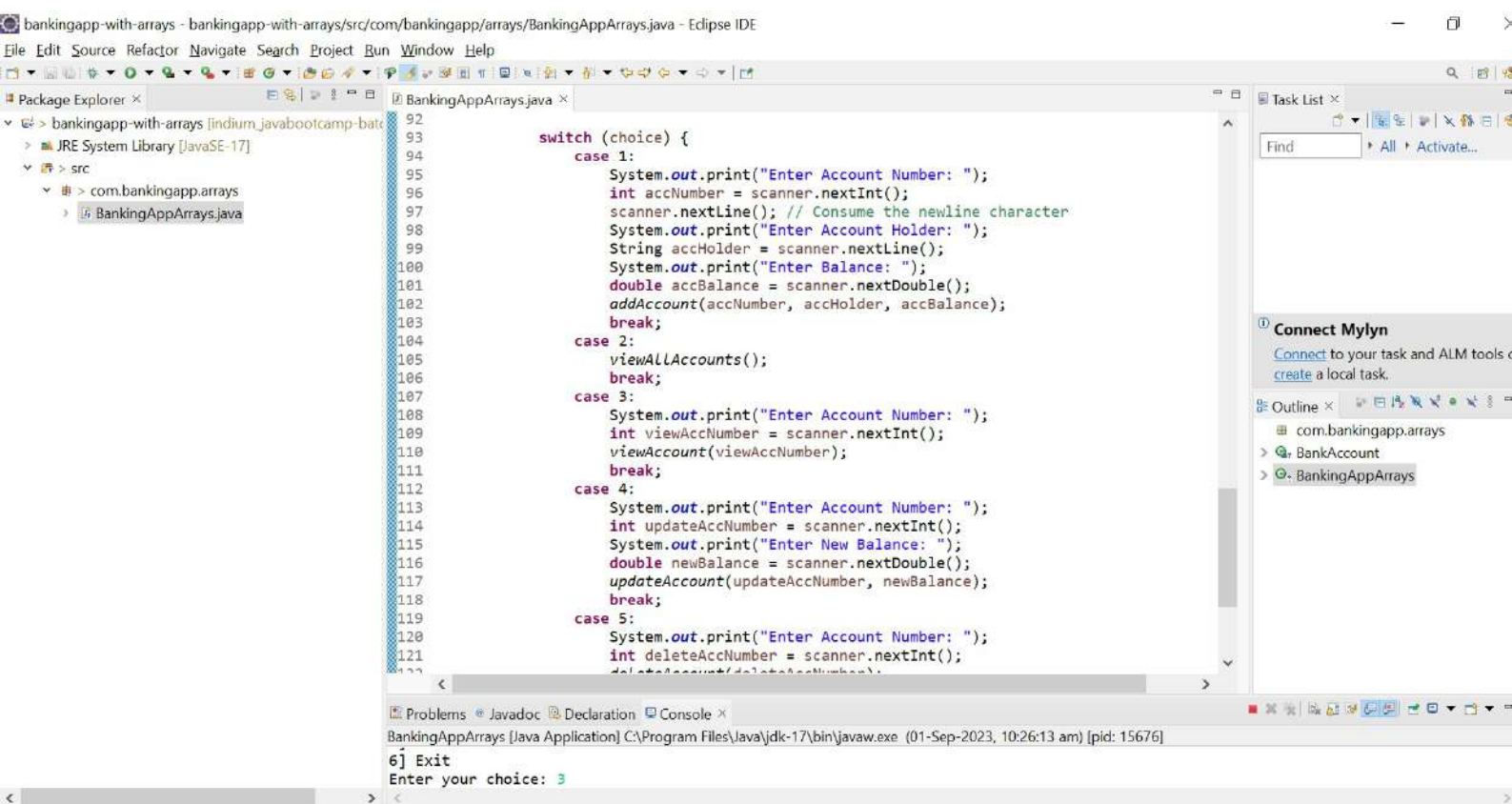
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