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🎒 bankingapp-with-arrays3 - bankingapp-with-arrays/src/com/indium/bankingapp/BankingAppMain.java - Eclipse IDE
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→ V > bankingapp-with-arrays [indium_javabootcamp-bate] 28

                                                                                                                                                            case 2:
     > M JRE System Library [JavaSE-17]
                                                                                                                                                                       updateAccountDetails(accountService, scanner);
                                                                                                                                                                                                                                                                                                                                                                                   • All • Activate...
                                                                                                                                                                      break;
                                                                                                              30
    ♥ 👺 > STC
         🗡 🎳 > com.indium.bankingapp
                                                                                                                                                                      viewAccountDetails(accountService, scanner);
                                                                                                              32
                BankingAppMain.java
                                                                                                              33
                                                                                                                                                                      break;

→ # > com.indium.bankingapp.model

                                                                                                              34
                                                                                                                                                             case 4:
                                                                                                              35
                                                                                                                                                                      viewAllAccounts(accountService);
               > Account.java
                                                                                                              36
37

→ B > com.indium.bankingapp.service

                                                                                                                                                            case 5:
               > If AccountService.java
                                                                                                                                                                      deLeteAccount(accountService, scanner);
                                                                                                                                                                                                                                                                                                                                                        Connect Mylyn
               > AccountServiceArrImpl.java
                                                                                                              39
                                                                                                                                                                      break;
                                                                                                                                                                                                                                                                                                                                                             Connect to your task and ALM tools o
                                                                                                              40
                                                                                                                                                             case 6:
                                                                                                                                                                                                                                                                                                                                                            create a local task.
                                                                                                             41
42
                                                                                                                                                                      System.out.println("Exiting the Banking App.");
                                                                                                                                                                       scanner.close();
                                                                                                                                                                                                                                                                                                                                                       \mathbb{E} Outline \times \mathbb{P} \mathbb{E} \mathbb{P}_2 \mathbb{Q} \mathbb{Q}^3 \mathbb{Q} \mathbb{Q}^4 \mathbb{R} \mathbb{P}
                                                                                                             43
44
                                                                                                                                                                                                                                                                                                                                                              # com.indium.bankingapp
                                                                                                                                                            default:
                                                                                                              45
                                                                                                                                                                      System.out.println("Invalid choice. Please enter a valid option.");

→ O₁ BankingAppMain

                                                                                                              46
                                                                                                                                                  }
                                                                                                                                                                                                                                                                                                                                                                   • * main(String[]) : void
                                                                                                              47
                                                                                                                                        }
                                                                                                                                                                                                                                                                                                                                                                   ■ isValidAccountType(String) : boo
                                                                                                             48
49
                                                                                                                                                                                                                                                                                                                                                                   captureAccountDetails(Account)
                                                                                                                            private static boolean isValidAccountType(String accountType) {
    return accountType.equals("savings") || accountType.equals("deposit") || accountType.equals("deposit "deposit") || accountType.equals("deposit "deposit "deposit") || accountType.equals("deposit "deposit 
                                                                                                              50
                                                                                                                                                                                                                                                                                                                                                                   updateAccountDetails(AccountS
                                                                                                              51
                                                                                                                                                                                                                                                                                                                                                                   viewAccountDetails(AccountSer
                                                                                                              52
                                                                                                                                                                                                                                                                                                                                                                   viewAllAccounts(AccountService
                                                                                                              53
                                                                                                                                                                                                                                                                                                                                                                   deleteAccount(AccountService,
                                                                                                              548
                                                                                                                                private static void captureAccountDetails(AccountService accountService, Scanner scan
                                                                                                              55
56
                                                                                                                                        System.out.print("Enter Account Type (savings/deposit/loan): ");
String accountType = scanner.nextline().tolowerCase():
```

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private static void captureAccountDetails(AccountService accountService, Scanner scan
  > Mail JRE System Library [JavaSE-17]
                                                                                                                                                                             ► All ► Activate...
                                                               System.out.print("Enter Account Type (savings/deposit/loan): ");
String accountType = scanner.nextLine().toLowerCase();
                                                   55

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→ # > com.indium.bankingapp

       > BankingAppMain.java
                                                                    if (!isValidAccountType(accountType)) {
System.out.println("Invalid account type. Please enter 'savings', 'deposit',
                                                   58
     v # > com.indium.bankingapp.model
                                                   60
                                                                    return;
       > II Account.java
                                                   61

▼ # > com.indium.bankingapp.service

                                                   62
                                                               System.out.print("Enter Account ID: ");
       AccountService.java
                                                   63
                                                               int id = scanner.nextInt();
                                                                                                                                                                (I) Connect Mylyn
                                                   64
       > B AccountServiceArrImpl.java
                                                                scanner.nextLine();
                                                                                                                                                                  Connect to your task and ALM tools of
                                                               System.out.print("Enter Account Name: ");
String name = scanner.nextLine();
                                                   66
                                                                                                                                                                  create a local task.
                                                               System.out.print("Enter Initial Balance: ");
double balance = scanner.nextDouble();
                                                   67
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                                                                                                                                                               BOutline × PFAXX • ¥ 1 □
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70
                                                               scanner.nextLine();
                                                                                                                                                                  com.indium.bankingapp
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72
73
74
75
76
77
                                                               Account account = new Account(id, name, balance, accountType);
                                                                                                                                                                     • * main(String[]) : void
                                                                                                                                                                     ■ sValidAccountType(String): bo
                                                               if (accountService.createAccount(account)) {
                                                                                                                                                                    captureAccountDetails(Account
                                                                    System.out.println("Account created successfully.");
                                                               } else {
                                                                                                                                                                    * updateAccountDetails(Account)
                                                                    System.out.println("Failed to create an account.");
                                                                                                                                                                    viewAccountDetails(AccountSer
                                                               }
                                                                                                                                                                     viewAllAccounts(AccountService
                                                   78
                                                           }

a 8 deleteAccount(AccountService,

                                                   79
80
                                                           private static void updateAccountDetails(AccountService accountService, Scanner scann ∀
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  > ■ JRE System Library [JavaSE-17]
                                                                private static void updateAccountDetails(AccountService accountService, Scanner scann
    System.out.print("Enter Account ID to update: ");
    int id = scanner.nextInt();
                                                                                                                                                                                             • All • Activate...
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 * # > src
                                                        82
                                                        83
    # > com.indium.bankingapp
                                                        84
                                                                      scanner.nextLine();
       BankingAppMain.java
                                                        85

→ # > com.indium.bankingapp.model

                                                        86
                                                                     Account existingAccount = accountService.getAccount(id);
                                                        87

→ Account.java

                                                                     if (existingAccount != null) {
   System.out.print("Enter New Account Name: ");
   String newName = scanner.nextLine();
   System.out.print("Enter New Account Balance: ");
   double newBalance = scanner.nextDouble();

→ # > com.indium.bankingapp.service

                                                        88
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        > AccountService.java
                                                                                                                                                                               Onnect Mylyn
       AccountServiceArrImpl.java
                                                        91
                                                                                                                                                                                  Connect to your task and ALM tools of
                                                        92
                                                                                                                                                                                  create a local task.
                                                        93
                                                                          Account updatedAccount = new Account(id, newName, newBalance, existingAccount
                                                                                                                                                                              BOutline × □ 日月 × × □ □
                                                        94
                                                        95

■ com.indium.bankingapp

                                                                          if (accountService.updateAccount(id, updatedAccount)) {
    System.out.println("Account updated successfully.");
                                                        96
                                                        97

→ O. BankingAppMain

                                                       98
99
                                                                          } else {
                                                                                                                                                                                     • * main(String[]) : void
                                                                               System.out.println("Failed to update the account.");
                                                                                                                                                                                     " isValidAccountType(String) : bo
                                                       100
                                                                                                                                                                                     captureAccountDetails(Account
                                                                     } else {
                                                       101
                                                                                                                                                                                    • updateAccountDetails(Account)
                                                       102
                                                                          System.out.println("Account not found.");
                                                      103
104
                                                                                                                                                                                    " viewAccountDetails(AccountSer
                                                                     }
                                                                }

§ viewAllAccounts(AccountService)

                                                      105

a <sup>8</sup> deleteAccount(AccountService,
                                                                private static void viewAccountDetails(AccountService accountService, Scanner scanner
                                                      106
                                                     107
                                                                      System.out.print("Enter Account ID to view: ");
int id = scanner nextInt():
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                                                                        int id = scanner.nextInt();
     y ■ > com.indium.bankingapp
                                                                        scanner.nextLine();
                                                        109

→ BankingAppMain.java

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→ # > com.indium.bankingapp.model

                                                                        Account account = accountService.getAccount(id);
                                                        111
        > Account java
                                                                       if (account != null) {
    System.out.println("Account Details:");
    System.out.println("ID: " + account.getId());
    System.out.println("Name: " + account.getName());
    System.out.println("Balance: " + account.getBalance());
    System.out.println("Account Type: " + account.getAccountType());
}    slee f
                                                        113
     114
        > IP AccountService.java
                                                        115
                                                                                                                                                                                      Connect Mylyn
        > If AccountServiceArrImpl.java
                                                        116
                                                                                                                                                                                        Connect to your task and ALM tools of
                                                         117
                                                                                                                                                                                        create a local task.
                                                         118
                                                         119
                                                                        } else {
                                                                                                                                                                                     120
121
                                                                             System.out.println("Account not found.");
                                                                        }
                                                                                                                                                                                        # com.indium.bankingapp
                                                         122

▼ G<sub>r</sub> BankingAppMain

                                                        123
                                                                                                                                                                                           • * main(String[]) : void
                                                        124
                                                                   private static void viewAllAccounts(AccountService accountService) {
                                                                                                                                                                                           " isValidAccountType(String) : boo
                                                        125
                                                                        Account[] accounts = accountService.getAllAccounts();
                                                                                                                                                                                           captureAccountDetails(Account
                                                         126
                                                                                                                                                                                           ■ updateAccountDetails(Account)
                                                        127
128
                                                                        if (accounts.length > 0) {
    System.out.println("All Accounts:");
                                                                                                                                                                                           ■ ViewAccountDetails(AccountSer
                                                                             System.out.println( All Accounts: );
for (Account account : accounts) {
   System.out.println("ID: " + account.getId());
   System.out.println("Name: " + account.getName());
   System.out.println("Balance: " + account.getBalance());
   Svstem.out.println("Account Type: " + account.getAccountType()):
                                                        129

s viewAllAccounts(AccountService)

                                                        130
                                                                                                                                                                                           deleteAccount(AccountService,
                                                        131
                                                       132
133
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                                                                    private static void viewAllAccounts(AccountService accountService) {
                                                                           Account[] accounts = accountService.getAllAccounts();
  > M JRE System Library [JavaSE-17]
                                                                                                                                                                                                            * All * Activate...
                                                          125
                                                                          if (accounts.length > 0) {
    System.out.println("All Accounts:");
    for (Account account : accounts) {
        System.out.println("ID: " + account.getId());
        System.out.println("Name: " + account.getName());
        System.out.println("Balance: " + account.getBalance());
        System.out.println("Account Type: " + account.getAccountType());
        System.out.println("------");
}

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■ > com.indium.bankingapp

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        B BankingAppMain.java
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→ 

B > com.indium.bankingapp.model

                                                          130
                                                          131
        > Account.java

→ 

★ > com.indium.bankingapp.service

                                                          133
        Connect Mylyn
                                                          135
136
        > AccountServiceArrImpl.java
                                                                                                                                                                                               Connect to your task and ALM tools of
                                                                           } else {
                                                           137
                                                                                System.out.println("No accounts found.");
                                                                                                                                                                                               create a local task.
                                                           138
                                                                                                                                                                                            BOutline × FE P × V • V I □
                                                                     }
                                                           140
                                                                                                                                                                                                # com.indium.bankingapp
                                                           141
                                                                     private static void deleteAccount(AccountService accountService, Scanner scanner) {

    ♥ G, BankingAppMain

                                                          142
143
                                                                           System.out.print("Enter Account ID to delete: ");
                                                                                                                                                                                                  • 1 main(String[]) : void
                                                                           int id = scanner.nextInt();
                                                                                                                                                                                                   isValidAccountType(String) : boo
                                                           144
                                                                           scanner.nextLine();
                                                                                                                                                                                                  ■ captureAccountDetails(AccountS
                                                           145
                                                                           if (accountService.deleteAccount(id)) {
    System.out.println("Account deleted successfully.");
} else {
                                                                                                                                                                                                  * updateAccountDetails(AccountS
                                                           147
                                                                                                                                                                                                  viewAccountDetails(AccountService)
                                                           148
                                                                                                                                                                                                   viewAllAccounts(AccountService
                                                          149
150
                                                                                System.out.println("Failed to delete the account. Account not found.");
                                                                                                                                                                                                   deleteAccount(AccountService, S
                                                          151
                                                         152 }
```