File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer ×

- ∨ 🗁 > bankingapp-with-collection [indium_javabootcamp-
  - > 🛋 JRE System Library [JavaSE-17]
  - ∨ 🎜 > src
    - ∨ 🎜 > com.indium.bankingapp
      - > 🗾 BankingAppMain.java
    - ∨ 🎜 > com.indium.bankingapp.model
      - > 🗾 Account.java
    - ∨ 🎜 > com.indium.bankingapp.service
      - > 🗾 AccountService.java
      - > 🗾 AccountServiceArrListImpl.java
      - > 🗾 AccountServiceHashMapImpl.java
      - > 🗾 AccountServiceHashSetImpl.java
      - > 🗾 AccountServiceLnkListImpl.java
      - > 🗾 AccountServiceTreeMapImpl.java
      - > 🗾 AccountServiceTreeSetImpl.java

🗾 AccountServiceHashMapImpl.java ×

```java
1  package com.indium.bankingapp.service;
2
3  import com.indium.bankingapp.model.Account;
4
5  import java.util.Collection;
6  import java.util.HashMap;
7
8  public class AccountServiceHashMapImpl implements AccountService {
9      private HashMap<Integer, Account> accountsMap = new HashMap<>();
10
11     @Override
12     public boolean createAccount(Account account) {
13         if (!accountsMap.containsKey(account.getId())) {
14             accountsMap.put(account.getId(), account);
15             return true; // Account created successfully
16         }
17         return false; // Account with the same ID already exists
18     }
19
20     @Override
21     public boolean updateAccount(int id, Account updatedAccount) {
22         if (accountsMap.containsKey(id)) {
23             accountsMap.put(id, updatedAccount);
24             return true; // Account updated successfully
25         }
26         return false; // Account not found
27     }
28
29     @Override
30     public boolean deleteAccount(int id) {
31         if (accountsMap.containsKey(id)) {
32             accountsMap.remove(id);
33             return true; // Account deleted successfully
```

Task List ×

Find   ▸ All ▸ Activate...

ⓘ **Connect Mylyn**

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

Outline ×

- ⊞ com.indium.bankingapp.service
- ∨ 🔾 AccountServiceHashMapImpl
  - ▪ accountsMap : HashMap<Integer
  - ● createAccount(Account) : boolean
  - ● updateAccount(int, Account) : bo
  - ● deleteAccount(int) : boolean
  - ● getAccount(int) : Account
  - ● getAllAccounts() : Collection<Acc

File Edit Source Refactor Navigate Search Project Run Window Help

```
Package Explorer ×                          AccountServiceHashMapImpl.java ×
                                      15        return true; // Account created successfully
> bankingapp-with-collection [indium_javabootcamp-  16        }
  > JRE System Library [JavaSE-17]       17        return false; // Account with the same ID already exists
  > src                                 18    }
    > com.indium.bankingapp             19
      > BankingAppMain.java            20      @Override
    > com.indium.bankingapp.model      21    public boolean updateAccount(int id, Account updatedAccount) {
      > Account.java                    22        if (accountsMap.containsKey(id)) {
    > com.indium.bankingapp.service     23            accountsMap.put(id, updatedAccount);
      > AccountService.java             24            return true; // Account updated successfully
      > AccountServiceArrListImpl.java  25        }
      > AccountServiceHashMapImpl.java  26        return false; // Account not found
      > AccountServiceHashSetImpl.java  27    }
      > AccountServiceLnkListImpl.java  28
      > AccountServiceTreeMapImpl.java  29      @Override
      > AccountServiceTreeSetImpl.java  30    public boolean deleteAccount(int id) {
                                        31        if (accountsMap.containsKey(id)) {
                                        32            accountsMap.remove(id);
                                        33            return true; // Account deleted successfully
                                        34        }
                                        35        return false; // Account not found
                                        36    }
                                        37
                                        38      @Override
                                        39    public Account getAccount(int id) {
                                        40        return accountsMap.get(id);
                                        41    }
                                        42
                                        43      @Override
                                        44    public Collection<Account> getAllAccounts() {
                                        45        return accountsMap.values();
                                        46    }
                                        47 }
```

Task List ×

Find   All Activate...

Connect Mylyn

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

Outline ×
  com.indium.bankingapp.service
  AccountServiceHashMapImpl
    • accountsMap : HashMap<Intege
    • createAccount(Account) : boolea
    • updateAccount(int, Account) : bc
    • deleteAccount(int) : boolean
    • getAccount(int) : Account
    • getAllAccounts() : Collection<Ac