

bankingapp-with-impexp - bankingapp-with-impexp/src/com/indium/bankingapp/service/AccountServiceHashMapImpl.java - Eclipse IDE

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Package Explorer

bankingapp-with-impexp [indium.javabootcamp-batc  
JRE System Library [JavaSE-17]  
src  
com.indium.bankingapp  
BankingAppMain.java  
com.indium.bankingapp.model  
Account.java  
com.indium.bankingapp.service  
AccountService.java  
AccountServiceHashMapImpl.java

BankingAppMain.java Account.java AccountService.java AccountServiceHashMapImpl.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 import java.util.Map;  
8  
9 public class AccountServiceHashMapImpl implements AccountService<Account> {  
10     private Map<Integer, Account> accounts = new HashMap<>();  
11  
12     @Override  
13     public boolean createAccount(Account account) {  
14         if (accounts.containsKey(account.getId())) {  
15             // Account with the same ID already exists  
16             return false;  
17         }  
18         accounts.put(account.getId(), account);  
19         return true;  
20     }  
21  
22     @Override  
23     public boolean updateAccount(int id, Account account) {  
24         if (accounts.containsKey(id)) {  
25             accounts.put(id, account);  
26             return true;  
27         }  
28         return false; // Account not found  
29     }  
30  
31     @Override  
32     public boolean deleteAccount(int id) {  
33         if (accounts.containsKey(id)) {
```

Task List

Find All Activate...

Outline

com.indium.bankingapp.service  
AccountServiceHashMapImpl  
accounts : Map<Integer, Account>  
createAccount(Account) : boolean  
updateAccount(int, Account) : boolean  
deleteAccount(int) : boolean  
getAccount(int) : Account  
getAllAccounts() : Collection<Account>

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```
17 accounts.put(account.getId(), account);  
18 return true;  
19 }  
20  
21  
22 @Override  
23 public boolean updateAccount(int id, Account account) {  
24     if (accounts.containsKey(id)) {  
25         accounts.put(id, account);  
26         return true;  
27     }  
28     return false; // Account not found  
29 }  
30  
31 @Override  
32 public boolean deleteAccount(int id) {  
33     if (accounts.containsKey(id)) {  
34         accounts.remove(id);  
35         return true;  
36     }  
37     return false; // Account not found  
38 }  
39  
40 @Override  
41 public Account getAccount(int id) {  
42     return accounts.get(id);  
43 }  
44  
45 @Override  
46 public Collection<Account> getAllAccounts() {  
47     return accounts.values();  
48 }  
49 }
```

Task List

Find All Activate...

Outline

com.indium.bankingapp.service  
AccountServiceHashMapImpl  
accounts : Map<Integer, Account>  
createAccount(Account) : boolean  
updateAccount(int, Account) : boolean  
deleteAccount(int) : boolean  
getAccount(int) : Account  
getAllAccounts() : Collection<Account>