

project/src/balance/checking.java - Spring Tool Suite 4

Search Project Run Window Help



checking.java x

```
29 public void withdraw(double amount) {
30     if (amount > 0 && amount <= balance) {
31         balance -= amount;
32         System.out.println("Withdrawn: $" + amount);
33     } else if (amount > balance) {
34         System.out.println("Insufficient balance for withdrawal!");
35     } else {
36         System.out.println("Withdrawal amount must be positive!");
37     }
38 }
39
40 public void displayBalance() {
41     System.out.println("Current balance: $" + balance);
42 }
43
44 // Main method for testing
45 public static void main(String[] args) {
46     checking account = new checking(); // Create an instance of checking
47
48     account.deposit(50000); // Deposit money
49     account.displayBalance(); // Display balance
50
51     account.withdraw(5000); // Withdraw money
52     account.displayBalance(); // Display balance
53
54     account.withdraw(7800); // Withdraw money
55     account.displayBalance(); // Display balance
56 }
57 }
58 }
```

Outline x

- balance
- BankAccount
- checking

Problems Javadoc Declaration Console x

<terminated> checking [Java Application] C:\Users\ELCOT\Desktop\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0

```
Deposited: $50000.0
Current balance: $50000.0
Withdrawn: $5000.0
Current balance: $45000.0
Withdrawn: $7800.0
Current balance: $37200.0
```

- project/src/building/manager.java - Spring Tool Suite 4

Search Project Run Window Help



manager.java x

```
23     return "authentication result: failed";
24 }
25
26 public String authenticate(String email, String password, boolean isEmail) {
27     if (emailPasswordMap.containsKey(email) && emailPasswordMap.get(email).equals(password))
28         return "authentication result: passed";
29 }
30 return "authentication result: failed";
31 }
32
33 public String authenticate(String phone, String pin, int pinCheck) {
34     if (phonePinMap.containsKey(phone) && phonePinMap.get(phone).equals(pin)) {
35         return "authentication result: passed";
36     }
37     return "authentication result: failed";
38 }
39
40 public static void main(String[] args) {
41     manager userManager = new manager();
42     System.out.println("Authenticating with username and password:");
43     System.out.println(userManager.authenticate("user123", "wrongpassword"));
44     System.out.println("\nAuthenticating with email and password:");
45     System.out.println(userManager.authenticate("user@example.com", "password123", true));
46     System.out.println("\nAuthenticating with phone number and PIN:");
47     System.out.println(userManager.authenticate("9876543210", "1111", 1));
48 }
49 }
50
51
52
```

Outline x

building

- manager
  - usernamePasswordMap : Map<String, String>
  - emailPasswordMap : Map<String, String>
  - phonePinMap : Map<String, String>
  - manager()
  - authenticate(String, String, boolean)
  - authenticate(String, String)
  - authenticate(String, String, int)
  - main(String[]) : void

Problems Javadoc Declaration Console x

<terminated> manager [Java Application] C:\Users\ELCOT\Desktop\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0

Authenticating with email and password:  
authentication result: passed

Authenticating with phone number and PIN:  
authentication result: failed