

IntelliJ IDEA - 4.26.0 RELEASE - project/src/lab10/BankAccount.java - IntelliJ IDEA

Package Explorer: lab, project, JRE System Library [JavaSE-21], src, lab10, BankAccount.java, package-info.java, lab6, lab7, project, module-info.java

```
42 }
43
44 // Method to withdraw
45 public void withdraw(double amount) {
46     if (amount > 0 && amount <= balance) {
47         balance -= amount;
48         System.out.println("Withdraw $" + amount);
49     } else if (amount <= 0) {
50         System.out.println("Amount must be positive.");
51     } else {
52         System.out.println("Insufficient balance.");
53     }
54 }
55
56 // Method to check balance
57 public void checkBalance() {
58     System.out.println("The balance for " + accountType + " account is: $" + balance);
59 }
60
61 // Getter for account type
62 public String getAccountType() {
63     return accountType;
64 }
65
66 // Main method to test the functionality
67 public static void main(String[] args) {
68     // Creating a checking account with an initial balance of 500
69     BankAccount checkingAccount = new BankAccount("Checking", 500.0);
70
71     // Creating a savings account with default balance
72     BankAccount savingsAccount = new BankAccount("Savings");
73
74     // Check initial balances
75     checkingAccount.checkBalance();
76     savingsAccount.checkBalance();
77
78     // Deposit cash to checking account
79     checkingAccount.deposit(150.0); // Deposit by cash
80     checkingAccount.checkBalance();
81 }
```

Console:

```
terminated: BankAccount (Java Application) C:\Users\JP\Documents\New folder\src\4.26.0.RELEASE\plugins\org.eclipse.jdt.core\org.eclipse.jdt.core.jar full.min32.x86_64.21.0.4.v20240303-1551\jre\bin\java.exe (26-Nov-2024, 11:26:01 am - 11:29:04 am) [pid: 12032]
The balance for Checking account is: $500.0
The balance for Savings account is: $0.0
Deposited $150.0 by cash.
The balance for Checking account is: $650.0
Deposited $500.0 by check with check number: 12345
The balance for Checking account is: $150.0
Withdraw $200.0
The balance for Checking account is: $750.0
Deposited $500.0 by cash.
The balance for Savings account is: $500.0
Withdraw $100.0
The balance for Savings account is: $400.0
```



Search



ENG
IN

11:29
26-11-2024

