

Basics of Classes and Objects:

1. Define a class named BankAccount with attributes accountNumber, balance, and accountHolderName, accountHolderAddress.

```
17 //  
18 //  
19 //}  
20  
21 public class BankAccount {  
22     String accountNumber;  
23     double balance;  
24     String accountHolderName;  
25     String accountHolderAddress;  
26  
27     public BankAccount(String accountNumber, double balance, String accountHolderName, String accountHolderAddress) {  
28         this.accountNumber = accountNumber;  
29         this.balance = balance;  
30         this.accountHolderName = accountHolderName;  
31         this.accountHolderAddress = accountHolderAddress;  
32     }  
33  
34     public static void main(String[] args) {  
35         BankAccount account1 = new BankAccount("0523647A45", 100000.00, "Merina", "Kathmandu");  
36  
37         System.out.println("Account Number: " + account1.accountNumber);  
38         System.out.println("Balance: " + account1.balance);  
39         System.out.println("Account Holder Name: " + account1.accountHolderName);  
40         System.out.println("Account Holder Address: " + account1.accountHolderAddress);  
41     }  
42 }  
43
```

Problems Javadoc Declaration Console X

<terminated> BankAccount [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 12:36:27 PM – 12:36:28 PM) [pid: 12620]

Account Number: 0523647A45
Balance: 100000.0
Account Holder Name: Merina
Account Holder Address: Kathmandu

2. Create an object of this class and initialize its attributes.

```
1
2 public class BankAccount {
3     String accountNumber;
4     double balance;
5     String accountHolderName;
6     String accountHolderAddress;
7
8     public static void main(String[] args) {
9         // TODO Auto-generated method stub
10        BankAccount ba= new BankAccount();
11        ba.accountNumber="0562486421D4";
12        ba.balance=50000;
13        ba.accountHolderName="Merina";
14        ba.accountHolderAddress="Ranibsn";
15        System.out.println("Account Number: "+ba.accountNumber+"\nBalance: "+ba.balance+"\nAccount Holder Name: "+ba.accountHolderName);
16    }
17 }
18
19 }
20
```

Problems Javadoc Declaration Console x

<terminated> BankAccount [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 12:30:09 PM - 12:30:09 PM) [pid: 13580]

Account Number: 0562486421D4
Balance: 50000.0
Account Holder Name: Merina
Account Holder Address: Ranibsn

Methods:

3. Create a method, **depositMoney()** in the BankAccount class to deposit money. Implement another method, **withdrawMoney()** to withdraw money. (The balance should also).

```

public class BankAccount {
    int accountNumber;
    double balance;
    String accountHolderName;
    String accountHolderAddress;

    public BankAccount(int accountNumber, double balance, String accountHolderName, String accountHolderAddress) {
        this.accountNumber = accountNumber;
        this.balance = balance;
        this.accountHolderName = accountHolderName;
        this.accountHolderAddress = accountHolderAddress;
    }

    public void depositMoney(double amount) {
        if (amount > 0) {
            balance += amount;
            System.out.println("Deposited: $" + amount);
            System.out.println("New Balance: $" + balance);
        } else {
            System.out.println("Invalid deposit amount. Please deposit an amount greater than 0.");
        }
    }

    public void withdrawMoney(double amount) {
        if (amount > 0 && amount <= balance) {
            balance -= amount;
            System.out.println("Withdrawn: $" + amount);
            System.out.println("New Balance: $" + balance);
        } else {
            System.out.println("Invalid withdrawal amount. Please check your balance and withdrawal amount.");
        }
    }
}

```

```

83
84     public static void main(String[] args) {
85         // Create an instance of BankAccount1 and initialize its attributes
86         BankAccount account = new BankAccount(254684564, 10000.00, "Reeya", "Riverdale");
87
88         // Deposit and withdraw money
89         account.depositMoney(5000.00);
90         account.withdrawMoney(2000.00);
91     }
92 }
93

```

Problems Javadoc Declaration Console ×

<terminated> BankAccount [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 12:47:01 PM – 12:47:01 PM) [pid: 17244]

```

Deposited: $5000.0
New Balance: $15000.0
Withdrawn: $2000.0
New Balance: $13000.0

```

4. Create a class **Lamp** with attributes **isOn** to store boolean value. Also create a method **turnOn()** to turn on the light, and **turnOff()** to turn off the light and print the on status of the light.

```
1 public class Lamp {
2     private boolean isOn;
3
4     public Lamp() {
5         this.isOn = false;
6     }
7
8     public void turnOn() {
9         isOn = true;
10        System.out.println("Light is now ON.");
11    }
12
13    public void turnOff() {
14        isOn = false;
15        System.out.println("Light is now OFF.");
16    }
17
18    public boolean isOn() {
19        return isOn;
20    }
21
22    public static void main(String[] args) {
23        Lamp myLamp = new Lamp();
24        System.out.println("Initial Status: " + (myLamp.isOn() ? "ON" : "OFF"));
25        myLamp.turnOn();
26        System.out.println("Status after turning on: " + (myLamp.isOn() ? "ON" : "OFF"));
27        myLamp.turnOff();
28        System.out.println("Status after turning off: " + (myLamp.isOn() ? "ON" : "OFF"));
29    }
30 }
31
```

Problems Javadoc Declaration Console ×

<terminated> Lamp [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 1:07:37 PM – 1:07:37 PM) [pid: 14052]

Initial Status: OFF
Light is now ON.
Status after turning on: ON
Light is now OFF.
Status after turning off: OFF

Constructors:

5. Implement a parameterized constructor for the BankAccount class that initializes the account attributes. Create an object using this constructor.

```

50
51 public class BankAccount {
52     int accountNumber;
53     double balance;
54     String accountHolderName;
55     String accountHolderAddress;
56
57     public BankAccount(int accountNumber, double balance, String accountHolderName, String a
58         this.accountNumber = accountNumber;
59         this.balance = balance;
60         this.accountHolderName = accountHolderName;
61         this.accountHolderAddress = accountHolderAddress;
62     }
63
64     public void depositMoney(double amount) {
65         if (amount > 0) {
66             balance += amount;
67             System.out.println("Deposited: $" + amount);
68             System.out.println("New Balance: $" + balance);
69         } else {
70             System.out.println("Invalid deposit amount. Please deposit an amount greater tha
71         }
72     }
73
74     public void withdrawMoney(double amount) {
75         if (amount > 0 && amount <= balance) {
76             balance -= amount;
77             System.out.println("Withdrawn: $" + amount);
78             System.out.println("New Balance: $" + balance);
79         } else {
80             System.out.println("Invalid withdrawal amount. Please check your balance and wit

```

```

74     public void withdrawMoney(double amount) {
75         if (amount > 0 && amount <= balance) {
76             balance -= amount;
77             System.out.println("Withdrawn: $" + amount);
78             System.out.println("New Balance: $" + balance);
79         } else {
80             System.out.println("Invalid withdrawal amount. Please check your balance and wit
81         }
82     }
83
84     public static void main(String[] args) {
85         BankAccount account = new BankAccount(254684564, 10000.00, "Reeya", "Riverdale");
86
87         // Deposit and withdraw money
88         account.depositMoney(5000.00);
89         account.withdrawMoney(2000.00);
90     }
91 }
92

```

Problems Javadoc Declaration Console ×

<terminated> BankAccount [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 1:15:16 PM – 1:15:16 PM) [pid: 14324]

```

Deposited: $5000.0
New Balance: $15000.0
Withdrawn: $2000.0
New Balance: $13000.0

```

6. Implement a no-argument constructor that prints out **“User created!”** as soon as the instance of the user is created.

```
96
97 public class BankAccount {
98     // Attributes
99     private String accountNumber;
100    private double balance;
101    private String accountHolderName;
102    private String accountHolderAddress;
103
104    // No-argument Constructor
105    public BankAccount() {
106        System.out.println("User created!");
107    }
108
109    // Parameterized Constructor
110    public BankAccount(String accountNumber, double balance, String accountHolderName, String accountHolderAddress) {
111        this.accountNumber = accountNumber;
112        this.balance = balance;
113        this.accountHolderName = accountHolderName;
114        this.accountHolderAddress = accountHolderAddress;
115    }
116
117    // Getter methods (unchanged)
118    public String getAccountNumber() {
119        return accountNumber;
120    }
121
122    public double getBalance() {
123        return balance;
124    }
```

```
125
126    public String getAccountHolderName() {
127        return accountHolderName;
128    }
129
130    public String getAccountHolderAddress() {
131        return accountHolderAddress;
132    }
133
134    // Setter methods (unchanged)
135    public void setBalance(double balance) {
136        this.balance = balance;
137    }
138
139    // Method to deposit money (unchanged)
140    public void depositMoney(double amount) {
141        if (amount > 0) {
142            balance += amount;
143            System.out.println("Deposited: $" + amount);
144            System.out.println("New Balance: $" + balance);
145        } else {
146            System.out.println("Invalid deposit amount. Amount should be greater than 0.");
147        }
148    }
149
150    // Method to withdraw money (unchanged)
151    public void withdrawMoney(double amount) {
152        if (amount > 0 && amount <= balance) {
153            balance -= amount;
154            System.out.println("Withdrawn: $" + amount);
155            System.out.println("New Balance: $" + balance);
156        } else {
```

```
146         System.out.println("Invalid deposit amount. Amount should be greater than 0.");
147     }
148 }
149
150 // Method to withdraw money (unchanged)
151 public void withdrawMoney(double amount) {
152     if (amount > 0 && amount <= balance) {
153         balance -= amount;
154         System.out.println("Withdrawn: $" + amount);
155         System.out.println("New Balance: $" + balance);
156     } else {
157         System.out.println("Invalid withdrawal amount or insufficient funds.");
158     }
159 }
160
161 public static void main(String[] args) {
162     // Creating an object using the no-argument constructor
163     BankAccount user = new BankAccount();
164
165     // Creating another object using the parameterized constructor
166     BankAccount account = new BankAccount("4579651354", 200000.00, "Alice Smith", "Kathmandu");
167
168     // Displaying account information
169     System.out.println("Account Number: " + account.getAccountNumber());
170     System.out.println("Balance: $" + account.getBalance());
171     System.out.println("Account Holder Name: " + account.getAccountHolderName());
172     System.out.println("Account Holder Address: " + account.getAccountHolderAddress());
173 }
174 }
175
176
```

Problems Javadoc Declaration Console ×

<terminated> BankAccount [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 1:20:37 PM – 1:20:37 PM) [pid: 18280]

User created!
Account Number: 4579651354
Balance: \$200000.0
Account Holder Name: Alice Smith
Account Holder Address: Kathmandu

Constructor Overloading:

7. Create a class named ,"**Box**" with attributes **width**, **height**, and **depth**. Create multiple constructors for handling following object declarations:
 - a. For a square, declare a constructor to take length only.
 - b. For a rectangle, declare a constructor to take length, breadth, and height.

- c. For no parameter, declare a no-argument constructor that sets **length = 10**, **breadth = 8**, and **height = 12**.

```
1 public class Box {
2     private double width;
3     private double height;
4     private double depth;
5
6     public Box(double length) {
7         this.width = length;
8         this.height = length;
9         this.depth = length;
10    }
11
12    public Box(double length, double breadth, double height) {
13        this.width = length;
14        this.height = breadth;
15        this.depth = height;
16    }
17
18    public Box() {
19        this.width = 10;
20        this.height = 8;
21        this.depth = 12;
22    }
23
24    public double getWidth() {
25        return width;
26    }
27
28    public double getHeight() {
29        return height;
30    }
31}
```



```
31
32     public double getDepth() {
33         return depth;
34     }
35
36     public static void main(String[] args) {
37         Box squareBox = new Box(5);
38         System.out.println("Square Box - Width: " + squareBox.getWidth() + ", Height: " + squareBox.getHeight() + ", Depth: " + squareBox.getDepth());
39         Box rectangularBox = new Box(10, 6, 8);
40         System.out.println("Rectangular Box - Width: " + rectangularBox.getWidth() + ", Height: " + rectangularBox.getHeight() + ", Depth: " + rectangularBox.getDepth());
41         Box defaultBox = new Box();
42         System.out.println("Default Box - Width: " + defaultBox.getWidth() + ", Height: " + defaultBox.getHeight() + ", Depth: " + defaultBox.getDepth());
43     }
44 }
45
```

Problems Javadoc Declaration Console ×

<terminated> Box [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 1:30:51 PM – 1:30:51 PM) [pid: 3744]

Square Box - Width: 5.0, Height: 5.0, Depth: 5.0
Rectangular Box - Width: 10.0, Height: 6.0, Depth: 8.0
Default Box - Width: 10.0, Height: 8.0, Depth: 12.0

Access Modifiers:

8. Set the balance attribute in the BankAccount class as private. Provide public getter and setter methods for the balance.

```
179 //question 8
180 public class BankAccount {
181     private double balance;
182
183     public BankAccount(int accountNumber, double balance, String accountHolderName, String accountHolderAddress) {
184         this.balance = balance;
185     }
186
187     public BankAccount() {
188         this.balance = 0.0;
189     }
190
191     public double getBalance() {
192         return balance;
193     }
194
195     public void setBalance(double balance) {
196         this.balance = balance;
197     }
198
199     public static void main(String[] args) {
200         BankAccount account1 = new BankAccount(123456789, 1000.00, "John Doe", "123 Main St, Cityville");
201         System.out.println("Current Balance: $" + account1.getBalance());
202         account1.setBalance(1500.00);
203         System.out.println("Updated Balance: $" + account1.getBalance());
204     }
205 }
```

Problems Javadoc Declaration Console ×

<terminated> BankAccount [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 1:38:47 PM – 1:38:47 PM) [pid: 10544]

Current Balance: \$1000.0
Updated Balance: \$1500.0

Encapsulation:

9. Create a class Address with private attributes street, city, and zipCode. Use encapsulation and provide getter and setter methods.

```
1 public class Address {  
2     private String street;  
3     private String city;  
4     private String zipCode;  
5  
6     public Address(String street, String city, String zipCode) {  
7         this.street = street;  
8         this.city = city;  
9         this.zipCode = zipCode;  
10    }  
11  
12    public String getStreet() {  
13        return street;  
14    }  
15  
16    public String getCity() {  
17        return city;  
18    }  
19  
20    public String getZipCode() {  
21        return zipCode;  
22    }  
23  
24    public void setStreet(String street) {  
25        this.street = street;  
26    }  
27  
28    public void setCity(String city) {  
29        this.city = city;  
30    }  
31 }  
32
```

```
24
25     public void setStreet(String street) {
26         this.street = street;
27     }
28
29     public void setCity(String city) {
30         this.city = city;
31     }
32
33     public void setZipCode(String zipCode) {
34         this.zipCode = zipCode;
35     }
36
37     public static void main(String[] args) {
38         Address myAddress = new Address("123 Main Street", "Cityville", "12345");
39
40         System.out.println("Street: " + myAddress.getStreet());
41         System.out.println("City: " + myAddress.getCity());
42         System.out.println("Zip Code: " + myAddress.getZipCode());
43
44         myAddress.setStreet("456 Oak Avenue");
45         myAddress.setCity("Townsville");
46         myAddress.setZipCode("67890");
47
48         System.out.println("\nUpdated Address:");
49         System.out.println("Street: " + myAddress.getStreet());
50         System.out.println("City: " + myAddress.getCity());
51         System.out.println("Zip Code: " + myAddress.getZipCode());
52     }
53 }
54
```

Problems Javadoc Declaration Console X

<terminated> Address [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 1:41:04 PM – 1:41:05 PM) [pid: 6180]

Street: 123 Main Street
City: Cityville
Zip Code: 12345

Updated Address:
Street: 456 Oak Avenue
City: Townsville
Zip Code: 67890

Combining Concepts:

10. Create a class Customer with private attributes customerId, name, and a BankAccount object. Implement a parameterized constructor and encapsulate the attributes. Provide getter and

setter methods. Instantiate multiple Customer objects with different values and demonstrate the use of getters and setters.

```
207 public class BankAccount {
208     private double balance;
209
210     public BankAccount( double balance) {
211         this.balance = balance;
212     }
213
214     public BankAccount( int i, double d, String string, String string2) {
215         // TODO Auto-generated constructor stub
216     }
217
218     public void depositMoney(double amount) {
219         if (amount > 0) {
220             balance += amount;
221             System.out.println("Deposited: $" + amount);
222             System.out.println("New Balance: $" + balance);
223         } else {
224             System.out.println("Invalid deposit amount. Please deposit an amount greater than 0.");
225         }
226     }
227
228     public void withdrawMoney(double amount) {
229         if (amount > 0 && amount <= balance) {
230             balance -= amount;
231             System.out.println("Withdrawn: $" + amount);
232             System.out.println("New Balance: $" + balance);
233         } else {
234             System.out.println("Invalid withdrawal amount. Please check your balance and withdrawal amount.");
235         }
236     }
237 }
```

```
    public double getBalance() {
        return balance;
    }
}
```

```
1 public class Customer {
2     private int customerId;
3     private String name;
4     private BankAccount bankAccount;
5
6     // Parameterized constructor
7     public Customer(int customerId, String name, BankAccount bankAccount) {
8         this.customerId = customerId;
9         this.name = name;
10        this.bankAccount = bankAccount;
11    }
12
13    // Getter method for customerId
14    public int getCustomerId() {
15        return customerId;
16    }
17    // Setter method for customerId
18    public void setCustomerId(int customerId) {
19        this.customerId = customerId;
20    }
21
22    // Getter method for name
23    public String getName() {
24        return name;
25    }
26    // Setter method for name
27    public void setName(String name) {
28        this.name = name;
29    }
30
31    // Getter method for bankAccount
32    public BankAccount getBankAccount() {
```

```

31 // Getter method for bankAccount
32 public BankAccount getBankAccount() {
33     return bankAccount;
34 }
35
36 // Setter method for bankAccount
37 public void setBankAccount(BankAccount bankAccount) {
38     this.bankAccount = bankAccount;
39 }
40
41 public static void main(String[] args) {
42     // Create BankAccount objects for demonstration
43     BankAccount account1 = new BankAccount(123456789, 1000.00, "John Doe", "123 Main St, Cityville");
44     BankAccount account2 = new BankAccount(987654321, 2000.00, "Jane Doe", "456 Oak Ave, Townsville");
45
46     // Create Customer objects with different values
47     Customer customer1 = new Customer(1, "Alice", account1);
48     Customer customer2 = new Customer(2, "Bob", account2);
49
50     // Demonstrate the use of getters and setters
51     System.out.println("Customer 1 ID: " + customer1.getCustomerId());
52     System.out.println("Customer 1 Name: " + customer1.getName());
53     System.out.println("Customer 1 Account Balance: $" + customer1.getBankAccount().getBalance());
54
55     System.out.println();
56
57     System.out.println("Customer 2 ID: " + customer2.getCustomerId());
58     System.out.println("Customer 2 Name: " + customer2.getName());
59     System.out.println("Customer 2 Account Balance: $" + customer2.getBankAccount().getBalance());
60
61     // Modify values using setters

```

```

60
61 // Modify values using setters
62 customer1.setCustomerId(101);
63 customer1.setName("Alicia");
64 customer1.getBankAccount().depositMoney(500.00);
65
66 System.out.println();
67
68 System.out.println("Modified Customer 1 ID: " + customer1.getCustomerId());
69 System.out.println("Modified Customer 1 Name: " + customer1.getName());
70 System.out.println("Modified Customer 1 Account Balance: $" + customer1.getBankAccount().getBalance());
71 }
72 }

```

Problems Javadoc Declaration Console ×

<terminated> Customer [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 1:56:33 PM – 1:56:33 PM) [pid: 14600]

Deposited: \$500.0
New Balance: \$500.0

Modified Customer 1 ID: 101
Modified Customer 1 Name: Alicia
Modified Customer 1 Account Balance: \$500.0

Constructors and Overloading:

11. Implement multiple constructors for the BankAccount class with different parameter sets. Use constructor overloading to create objects with different initialization scenarios.

```
245 public class BankAccount {
246     // Attributes
247     private String accountNumber;
248     private double balance;
249     private String accountHolderName;
250     private String accountHolderAddress;
251
252     // Constructor with full parameter set
253     public BankAccount(String accountNumber, double balance, String accountHolderName, String accountHolderAddress) {
254         this.accountNumber = accountNumber;
255         this.balance = balance;
256         this.accountHolderName = accountHolderName;
257         this.accountHolderAddress = accountHolderAddress;
258     }
259
260     // Constructor with partial parameter set (ignoring address)
261     public BankAccount(String accountNumber, double balance, String accountHolderName) {
262         this(accountNumber, balance, accountHolderName, "N/A");
263     }
264
265     // Constructor with minimal parameter set (setting default values)
266     public BankAccount(String accountNumber, double balance) {
267         this(accountNumber, balance, "Unknown", "N/A");
268     }
269
270     // Getter methods (unchanged)
271     public String getAccountNumber() {
272         return accountNumber;
273     }
274 }
```

```

4
5 public double getBalance() {
6     return balance;
7 }
8
9 public String getAccountHolderName() {
10     return accountHolderName;
11 }
12
13 public String getAccountHolderAddress() {
14     return accountHolderAddress;
15 }
16
17 // Setter methods (unchanged)
18 public void setBalance(double balance) {
19     this.balance = balance;
20 }
21
22 // Method to deposit money (unchanged)
23 public void depositMoney(double amount) {
24     if (amount > 0) {
25         balance += amount;
26         System.out.println("Deposited: $" + amount);
27         System.out.println("New Balance: $" + balance);
28     } else {
29         System.out.println("Invalid deposit amount. Amount should be greater than 0.");
30     }
31 }
32
33 // Method to withdraw money (unchanged)
34 public void withdrawMoney(double amount) {

```

```

35
36 // Method to withdraw money (unchanged)
37 public void withdrawMoney(double amount) {
38     if (amount > 0 && amount <= balance) {
39         balance -= amount;
40         System.out.println("Withdrawn: $" + amount);
41         System.out.println("New Balance: $" + balance);
42     } else {
43         System.out.println("Invalid withdrawal amount or insufficient funds.");
44     }
45 }
46
47 public static void main(String[] args) {
48     // Creating objects using different constructors
49     BankAccount fullParameters = new BankAccount("123456789", 1000.00, "John Doe", "123 Main Street");
50     BankAccount partialParameters = new BankAccount("987654321", 2000.00, "Jane Smith");
51     BankAccount minimalParameters = new BankAccount("456789012", 500.00);
52
53     // Displaying account information
54     System.out.println("Full Parameters:");
55     System.out.println("Account Number: " + fullParameters.getAccountNumber());
56     System.out.println("Balance: $" + fullParameters.getBalance());
57     System.out.println("Account Holder Name: " + fullParameters.getAccountHolderName());
58     System.out.println("Account Holder Address: " + fullParameters.getAccountHolderAddress());
59
60     System.out.println("\nPartial Parameters:");
61     System.out.println("Account Number: " + partialParameters.getAccountNumber());
62     System.out.println("Balance: $" + partialParameters.getBalance());
63     System.out.println("Account Holder Name: " + partialParameters.getAccountHolderName());
64     System.out.println("Account Holder Address: " + partialParameters.getAccountHolderAddress());
65
66     System.out.println("\nMinimal Parameters:");

```



```
327     System.out.println("\nPartial Parameters:");
328     System.out.println("Account Number: " + partialParameters.getAccountNumber());
329     System.out.println("Balance: $" + partialParameters.getBalance());
330     System.out.println("Account Holder Name: " + partialParameters.getAccountHolderName());
331     System.out.println("Account Holder Address: " + partialParameters.getAccountHolderAddress());
332
333     System.out.println("\nMinimal Parameters:");
334     System.out.println("Account Number: " + minimalParameters.getAccountNumber());
335     System.out.println("Balance: $" + minimalParameters.getBalance());
336     System.out.println("Account Holder Name: " + minimalParameters.getAccountHolderName());
337     System.out.println("Account Holder Address: " + minimalParameters.getAccountHolderAddress());
338 }
339 }
340
341
342
343
```

Problems Javadoc Declaration Console ×

<terminated> BankAccount [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Dec 14, 2023, 1:59:42 PM – 1:59:45 PM) [pid: 20316]

```
Minimal Parameters:
Account Number: 456789012
Balance: $500.0
Account Holder Name: Unknown
Account Holder Address: N/A
```