

Q1.

```
PS D:\Codes\Java\Module 2> & 'C:\Program Files\Java\jdk-21.0.6\bin\java.exe' '-XX:+ShowCode\Code\User\workspaceStorage\77db07072db95a36e4f30d8c45db6c15\redhat.java\jdt_ws\Module
Enter details for Account 1:
Account Number: 194
Account Holder Name: John
Initial Balance: 500.5
Enter details for Account 2:
Account Number: 234
Account Holder Name: Bob
Initial Balance: 200

Choose an operation:
1. Deposit to Account 1
2. Withdraw from Account 1
3. Transfer from Account 1 to Account 2
4. Display Account Details
5. Exit

Enter your choice: 1
Enter deposit amount: 200
Deposited 200.0. New balance: 700.5

Enter your choice: 2
Enter withdrawal amount: 1000
Insufficient funds or invalid withdrawal amount.

Enter your choice: 3
Enter transfer amount: 20
Withdrawn 20.0. New balance: 680.5
Deposited 20.0. New balance: 220.0
Transferred 20.0 to Bob

Enter your choice: 4

Account 1 Details:
Account Number: 194
Account Holder: John
Balance: 680.5

Account 2 Details:
Account Number: 234
Account Holder: Bob
Balance: 220.0

Enter your choice: 4

Account 1 Details:
Account Number: 194
Account Holder: John
Balance: 680.5

Account 2 Details:
Account Number: 234
Account Holder: Bob
Balance: 220.0

Enter your choice: 5
Exiting program. Goodbye!
PS D:\Codes\Java\Module 2> |
```

Q2.

```
● PS D:\Codes\Java\Module 2> & 'C:\Program Files\Java\jdk-21.0.6\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' -Code\User\workspaceStorage\77db07072db95a36e4f30d8c45db6c15\redhat.java\jdt_ws\Module 2_a7c07f69\bin 'Library_Management_System.java'
```

```
Library Management System
1. Add a Book
2. Add Multiple Books
3. Remove a Book
4. Search for a Book
5. Display All Books
6. Create and Display Book Details
7. Exit
Enter your choice: 1
Enter the title of the book to add: The Great Gatsby
```

```
Library Management System
1. Add a Book
2. Add Multiple Books
3. Remove a Book
4. Search for a Book
5. Display All Books
6. Create and Display Book Details
7. Exit
Enter your choice: 2
Enter the titles of the books to add (comma-separated): 1984, To Kill a Mockingbird, Harry Potter
```

```
Library Management System
1. Add a Book
2. Add Multiple Books
3. Remove a Book
4. Search for a Book
5. Display All Books
6. Create and Display Book Details
7. Exit
Enter your choice: 4
Enter the title of the book to search for: 1984
Book found: true
```

```
Library Management System
1. Add a Book
2. Add Multiple Books
3. Remove a Book
4. Search for a Book
5. Display All Books
6. Create and Display Book Details
7. Exit
Enter your choice: 3
Enter the title of the book to remove: 1984
```

```
Library Management System
1. Add a Book
2. Add Multiple Books
3. Remove a Book
4. Search for a Book
5. Display All Books
6. Create and Display Book Details
7. Exit
Enter your choice: 5
Books in MyLibrary: [The Great Gatsby, To Kill a Mockingbird, Harry Potter]
```

```
Library Management System
1. Add a Book
2. Add Multiple Books
3. Remove a Book
4. Search for a Book
5. Display All Books
6. Create and Display Book Details
7. Exit
Enter your choice: 6
Enter the title of the book: Pride and Prejudice
Enter the author of the book: Jane Austen
Enter the publication year of the book: 1813
Title: Pride and Prejudice, Author: Jane Austen, Year: 1813
```

Library Management System

1. Add a Book
2. Add Multiple Books
3. Remove a Book
4. Search for a Book
5. Display All Books
6. Create and Display Book Details
7. Exit

Enter your choice: 7

Library management system exited.

PS D:\Codes\Java\Module 2>