

# **End Term Project Report**

## **On**

### **Introduction to Databases (CSE 3151)**

**Submitted by**

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**FACULTY OF ENGINEERING & TECHNOLOGY (ITER)**  
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**BHUBANESWAR, ODISHA – 751030**

## SOLUTION

### 1)Database Schema (SQL):

```
CREATE TABLE customers (  
    id INT PRIMARY KEY GENERATED ALWAYS AS IDENTITY,  
    name VARCHAR2(100), email VARCHAR2(100),  
    phone VARCHAR2(20)  
);  
  
CREATE TABLE accounts (  
    id INT PRIMARY KEY GENERATED ALWAYS AS IDENTITY,  
    customer_id INT REFERENCES customers(id),  
    balance DECIMAL(10, 2)  
);  
  
CREATE TABLE loans (  
    id INT PRIMARY KEY GENERATED ALWAYS AS IDENTITY,  
    customer_id INT REFERENCES customers(id),  
    amount DECIMAL(10, 2), status VARCHAR2(20)  
);
```

## 2) Code:

```
import java.sql.*;
import java.io.*;

public class BankingSystem {

    public static void main(String[] args) throws IOException {

        Connection con = null;

        Statement stmt = null;

        BufferedReader br = new BufferedReader(new
InputStreamReader(System.in));

        try {

            Class.forName("oracle.jdbc.driver.OracleDriver");

            String conurl = "jdbc:oracle:thin:@172.17.144.110:1521:ora11g";

            con = DriverManager.getConnection(conurl, "system",
"mukti123");

            stmt = con.createStatement();

            int choice;

            do {

                System.out.println("\n***** Banking Management System *****");

                System.out.println("1. Show Customers");

                System.out.println("2. Add Customer");

                System.out.println("3. Delete Customer");

                System.out.println("4. Update Customer");

                System.out.println("5. Show Account Details");
```

```
System.out.println("6. Show Loan Details");
System.out.println("7. Deposit");
System.out.println("8. Withdraw");
System.out.println("9. Exit");
System.out.print("Enter your choice: ");
choice = Integer.parseInt(br.readLine());
switch (choice) {
    case 1:
        showCustomers(stmt);
        break;
    case 2:
        addCustomer(stmt, br);
        break;
    case 3:
        deleteCustomer(stmt, br);
        break;
    case 4:
        updateCustomer(stmt, br);
        break;
    case 5:
        showAccountDetails(stmt, br);
        break;
```

```
        case 6:
            showLoanDetails(stmt, br);
            break;
        case 7:
            deposit(stmt, br);
            break;
        case 8:
            withdraw(stmt, br);
            break;
        case 9:
            System.out.println("Exiting...");
            break;
        default:
            System.out.println("Invalid choice!");
    }
} while (choice != 9);
} catch (Exception e) {
    System.out.println("Error: " + e);
} finally {
    try {
        if (stmt != null) stmt.close();
        if (con != null) con.close();
    }
```

```

        } catch (Exception e) {
            System.out.println("Closing error: " + e);
        }
    }
}

public static void showCustomers(Statement stmt) throws
SQLException {
    ResultSet rs = stmt.executeQuery("SELECT * FROM Customer");
    System.out.println("\nCust_No\tName\tPhone\tCity");
    while (rs.next()) {
        System.out.printf("%s\t%s\t%s\t%s\n",
            rs.getString("cust_no"),
            rs.getString("name"),
            rs.getString("phone_no"),
            rs.getString("city"));
    }
}

public static void addCustomer(Statement stmt, BufferedReader br)
throws IOException, SQLException {
    System.out.print("Enter Customer No: ");
    String custNo = br.readLine();
    System.out.print("Enter Name: ");
    String name = br.readLine();

```

```
System.out.print("Enter Phone No: ");

String phone = br.readLine();

System.out.print("Enter City: ");

String city = br.readLine();

String query = String.format("INSERT INTO Customer VALUES ('%s',
'%s', '%s', '%s')",
    custNo, name, phone, city);

int res = stmt.executeUpdate(query);

if (res > 0) {

    System.out.println("Customer added successfully!");

    showCustomers(stmt);

}

}

public static void deleteCustomer(Statement stmt, BufferedReader br)
throws IOException, SQLException {

    System.out.print("Enter Customer No to delete: ");

    String custNo = br.readLine();

    String query = "DELETE FROM Customer WHERE cust_no = '" +
custNo + "'";

    int res = stmt.executeUpdate(query);

    if (res > 0) {

        System.out.println("Customer deleted successfully.");

        showCustomers(stmt);

    }

}
```

```
    } else {  
        System.out.println("Customer not found.");  
    }  
}  
  
public static void updateCustomer(Statement stmt, BufferedReader  
br) throws IOException, SQLException {  
    System.out.print("Enter Customer No to update: ");  
    String custNo = br.readLine();  
    System.out.println("1 - Name, 2 - Phone, 3 - City");  
    int option = Integer.parseInt(br.readLine());  
    String column = "", newValue = "";  
    switch (option) {  
        case 1:  
            column = "name";  
            System.out.print("Enter new name: ");  
            break;  
        case 2:  
            column = "phone_no";  
            System.out.print("Enter new phone: ");  
            break;  
        case 3:  
            column = "city";
```



```

        System.out.print("Enter new city: ");
        break;
    default:
        System.out.println("Invalid option.");
        return;
    }
    newValue = br.readLine();
    String query = String.format("UPDATE Customer SET %s = '%s'
WHERE cust_no = '%s'",
        column, newValue, custNo);
    int res = stmt.executeUpdate(query);
    if (res > 0) {
        System.out.println("Customer updated successfully.");
        showCustomers(stmt);
    } else {
        System.out.println("Update failed.");
    }
}

public static void showAccountDetails(Statement stmt,
BufferedReader br) throws IOException, SQLException {
    System.out.print("Enter Customer No: ");
    String custNo = br.readLine();

```

```
String query = "SELECT c.cust_no, c.name, a.account_no, a.type,
a.balance, b.branch_code, b.branch_name, b.branch_city " +
    "FROM Customer c JOIN Account a ON c.cust_no = a.cust_no " +
    "JOIN Branch b ON a.branch_code = b.branch_code " +
    "WHERE c.cust_no = " + custNo + """;

ResultSet rs = stmt.executeQuery(query);

boolean found = false;

while (rs.next()) {
    found = true;

    System.out.printf("Cust: %s, Name: %s, Acc No: %s, Type: %s,
Balance: %.2f, Branch: %s, %s, %s\n",
        rs.getString("cust_no"),
        rs.getString("name"),
        rs.getString("account_no"),
        rs.getString("type"),
        rs.getDouble("balance"),
        rs.getString("branch_code"),
        rs.getString("branch_name"),
        rs.getString("branch_city"));
}

if (!found) {
    System.out.println("No account details found.");
}
```

```

    }

    public static void showLoanDetails(Statement stmt, BufferedReader
br) throws IOException, SQLException {

        System.out.print("Enter Customer No: ");

        String custNo = br.readLine();

        String query = "SELECT c.cust_no, c.name, l.loan_no, l.amount,
b.branch_code, b.branch_name, b.branch_city " +
            "FROM Customer c JOIN Loan l ON c.cust_no = l.cust_no " +
            "JOIN Branch b ON l.branch_code = b.branch_code " +
            "WHERE c.cust_no = '" + custNo + "'";

        ResultSet rs = stmt.executeQuery(query);

        boolean found = false;

        while (rs.next()) {

            found = true;

            System.out.printf("Cust: %s, Name: %s, Loan No: %s, Amount:
%.2f, Branch: %s, %s, %s\n",
                rs.getString("cust_no"),
                rs.getString("name"),
                rs.getString("loan_no"),
                rs.getDouble("amount"),
                rs.getString("branch_code"),
                rs.getString("branch_name"),
                rs.getString("branch_city"));
        }
    }
}

```

```

    }
    if (!found) {
        System.out.println("Congratulations! No loans found.");
    }
}

public static void deposit(Statement stmt, BufferedReader br) throws
IOException, SQLException {
    System.out.print("Enter Account No: ");
    String accNo = br.readLine();
    System.out.print("Enter Amount to Deposit: ");
    double amount = Double.parseDouble(br.readLine());
    String update = "UPDATE Account SET balance = balance + " +
amount + " WHERE account_no = '" + accNo + "'";
    int res = stmt.executeUpdate(update);
    if (res > 0) {
        System.out.println("Amount deposited successfully.");
    } else {
        System.out.println("Account not found.");
    }
}

public static void withdraw(Statement stmt, BufferedReader br)
throws IOException, SQLException {
    System.out.print("Enter Account No: ");

```

```
String accNo = br.readLine();

System.out.print("Enter Amount to Withdraw: ");

double amount = Double.parseDouble(br.readLine());

ResultSet rs = stmt.executeQuery("SELECT balance FROM Account
WHERE account_no = " + accNo + "");

if (rs.next()) {

    double balance = rs.getDouble("balance");

    if (balance >= amount) {

        String update = "UPDATE Account SET balance = balance - " +
amount + " WHERE account_no = " + accNo + "";

        stmt.executeUpdate(update);

        System.out.println("Amount withdrawn successfully.");

    } else {

        System.out.println("Insufficient balance.");

    }

} else {

    System.out.println("Account not found.");

}

}

}
```

### **3) OUTPUT:**

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
1

C0001      RAJ ANAND SINGH 9861258466      DELHI
C0002      ANKITA SINGH 9879958651      BANGALORE
C0003      SOUMYA JHA 9885623344      MUMBAI
C0004      ABHIJIT MISHRA 9455845425      MUMBAI
C0005      YASH SARAF 9665854585      KOLKATA
C0006      SWAROOP RAY 9437855466      CHENNAI
C0007      SURYA NARAYAN 9937955212      GURGAON
C0008      PRANAV PRAVEEN 9336652441      PUNE
C0009      STUTI MISRA 7870266534      DELHI
C0010      ASLESHA TIWARI null      MUMBAI
The number of rows selected is 10
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
2
Enter cust_no:
C0011
Enter the name:
ANWESHA DAS
Enter the phone:
9999999999
Enter the city:
BHUB
1Row Inserted
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.justj.ope
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
2
Enter cust_no:
C0012
Enter the name:
SACHIN SINGH
Enter the phone:
9898989898
Enter the city:
CTC
1Row Inserted
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.justj.ope
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
2
Enter cust_no:
C0013
Enter the name:
ARJUN MISHRA
Enter the phone:
7777777777
Enter the city:
BBSR
1Row Inserted
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
1
|
C0001      RAJ ANAND SINGH 9861258466      DELHI
C0002      ANKITA SINGH   9879958651      BANGALORE
C0003      SOUMYA JHA     9885623344      MUMBAI
C0004      ABHIJIT MISHRA 9455845425      MUMBAI
C0005      YASH SARAF     9665854585      KOLKATA
C0006      SWAROOP RAY    9437855466      CHENNAI
C0007      SURYA NARAYAN 9937955212      GURGAON
C0008      PRANAV PRAVEEN 9336652441      PUNE
C0009      STUTI MISRA    7870266534      DELHI
C0010      ASLESHA TIWARI null      MUMBAI
C0011      ANWESHA DAS    9999999999      BHUB
C0012      SACHIN SINGH   9898989898      CTC
C0013      ARJUN MISHRA   7777777777      BBSR
The number of rows selected is 13
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.justj.openjdk
***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
3
Enter a cust_no for deletion:
C0013
1Row deleted
```



```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk.ho

**** Banking Management System****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
3
Enter a cust_no for deletion:
C0016
0Row deleted
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk.l

1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
4
Enter 1: For Name 2: For Phone no 3: For City to update:
1
Enter Cust No
C0011
Enter updated name
BIKASH
Updated Successfully
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.jus
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Num
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
4
Enter 1: For Name 2: For Phone no 3: For City to update:
2
Enter Cust No
C0011
Enter updated Phone
6370105068
1Updated Successfully
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.justj.openjdk
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
4
Enter 1: For Name 2: For Phone no 3: For City to update:
3
Enter Cust No
C0011
Enter updated City
ROURKELA
1Updated Successfully
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_18
***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
5
Enter Cust No
c0003
Acc. No.:      Type:      Balance:      Branch Code:      Branch Name:      Branch City:
A0001          SB          200000        B003              JUHU BRANCH      MUMBAI
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_18
***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
5
Enter Cust No
c0005
Acc. No.:      Type:      Balance:      Branch Code:      Branch Name:      Branch City:
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_18

***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
5
Enter Cust No
c0016
Acc. No.:      Type:      Balance:      Branch Code:      Branch Name:      Branch City:
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk
Connection is established

***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
6
Enter Cust No
c0003
SQLServerResultSet:1 no of rows affected
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win
SQLServerResultSet:1 no of rows affected

***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
6
Enter Cust No
c0005
SQLServerResultSet:2 no of rows affected
C0005 YASH SARAF 9665854585 KOLKATA L0001 3000000 B006 SRIRAMPURAM BRANCH CHENNAI
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win
C0005 YASH SARAF 9665854585 KOLKATA L0001 3000000 B006 SRIRAMPURAM BRANCH CHENNAI

***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
6
Enter Cust No
c0008
SQLServerResultSet:3 no of rows affected
C0008 PRANAV PRAVEEN 9336652441 PUNE L0006 25000 B006 SRIRAMPURAM BRANCH CHENNAI
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.1
SQLServerResultSet:3 no of rows affected
C0008 PRANAV PRAVEEN 9336652441 PUNE L0006 25000 B006 SRIRAMPURAM BRANCH CHENNAI

**** Banking Management System****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
6
Enter Cust No
c0016
SQLServerResultSet:4 no of rows affected
```

Problems @ Javadoc Declaration Console X  
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.justj.openjdk

\*\*\*\*\* Banking Management System\*\*\*\*\*

1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program

Enter your choice(1-9):

7

Enter Account No

a0005

Enter the amount to deposite

10000

1Balance Updated

Problems @ Javadoc Declaration Console X  
myjdbcproject [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.justj.openjdk

\*\*\*\*\* Banking Management System\*\*\*\*\*

1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program

Enter your choice(1-9):

7

Enter Account No

a0008

Enter the amount to deposite

800

1Balance Updated

Problems @ Javadoc Declaration Console X  
<terminated> myjdbcproject [Java Application] C:\Program Files\Java\jdk-18.0.1\bin\javaw.exe (26-Jul-2022, 4:02:31)  
Connection is established

\*\*\*\*\* Banking Management System\*\*\*\*\*

1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program

Enter your choice(1-9):

8

Enter Account No

a0005

Enter the amount to deposit

10000

1 Balance Updated

com.microsoft.sqlserver.jdbc.SQLServerException: The result set is closed.

Problems @ Javadoc Declaration Console X  
myjdbcproject [Java Application] C:\Program Files\Java\jdk-18.0.1\bin\javaw.exe (26-Jul-2022, 4:00:26 pm) [pid: 10016]

2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program

Enter your choice(1-9):

8

Enter Account No

a0008

Enter the amount to deposit

8000

Insufficient balance



```
Problems @ Javadoc Declaration Console X
<terminated> myjdbcproject [Java Application] C:\Program Files\Java\jdk-18.0.1.1\bin\javaw.exe (26-Jul-2
Connection is established

***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
9
Visit us next time
```

```
Problems @ Javadoc Declaration Console X
myjdbcproject [Java Application] C:\Program Files\Java\jdk-18.0.1.1\bin\javaw.exe (26-Jul-2022, 4:04:27 pm

***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
10
Enter from 1 to 9 nothing else please again

***** Banking Management System*****
1. Show Customer Records
2. Add Customer Record
3. Delete Customer Record
4. Update Customer Record for any attribute except Customer Number
5. Show Account Details of a Customer
6. Show Loan Details of a Customer
7. Deposit Money to an Account
8. Withdraw Money from an Account
9. Exit the Program
Enter your choice(1-9):
```