

OUTPUT

```
PS D:\DBMS_Project> cmd /c "d:\DBMS_Project\run.bat"
```

```
Compiling all Java files...
```

```
Compilation complete!
```

```
Running MainApplication...
```

```
=== Welcome to Bank System ===
```

```
Enter your role (customer/employee/admin): customer
```

```
=== Customer Dashboard ===
```

1. View Account
2. Deposit Money
3. Withdraw Money
4. Transfer Money
5. Apply for Loan
6. View My Cards
7. View My Loans
8. Repay Loan
9. Check Loan Status
10. Logout

```
Choose: 1
```

```
Enter your customer ID: 3
```

```
Loading MySQL JDBC Driver...
```

```
Driver loaded successfully!
```

```
Account ID: 3 | Type: Salary | Balance: 0.00 | Open Date: 2025-05-06
```

```
=== Customer Dashboard ===
```

1. View Account
2. Deposit Money
3. Withdraw Money
4. Transfer Money
5. Apply for Loan

6. View My Cards
7. View My Loans
8. Repay Loan
9. Check Loan Status
10. Logout

Choose: 2

Enter customer ID: 3

Enter amount to deposit: 5

Depositing \$5.0 into your account...

Loading MySQL JDBC Driver...

Driver loaded successfully!

Deposit successful!

=== Customer Dashboard ===

1. View Account
2. Deposit Money
3. Withdraw Money
4. Transfer Money
5. Apply for Loan
6. View My Cards
7. View My Loans
8. Repay Loan
9. Check Loan Status
10. Logout

Choose: 3

Enter customer ID: 2

Enter amount to withdraw: 10

Withdrawing \$10.0 from your account...

Loading MySQL JDBC Driver...

Driver loaded successfully!

Withdrawal successful!

=== Customer Dashboard ===

1. View Account
2. Deposit Money
3. Withdraw Money
4. Transfer Money
5. Apply for Loan
6. View My Cards
7. View My Loans
8. Repay Loan
9. Check Loan Status
10. Logout

Choose: 4

Enter customer ID: 1

Enter amount to transfer: 2

Enter recipient account number: 3

Transferring \$2.0 to account number 3

Loading MySQL JDBC Driver...

Driver loaded successfully!

Transfer successful!

=== Customer Dashboard ===

1. View Account
2. Deposit Money
3. Withdraw Money
4. Transfer Money
5. Apply for Loan
6. View My Cards
7. View My Loans
8. Repay Loan
9. Check Loan Status

10. Logout

Choose: 10

Logging out...

Press any key to continue . . .

PS D:\DBMS_Project> cmd /c "d:\DBMS_Project\run.bat"

Compiling all Java files...

Compilation complete!

Running MainApplication...

=== Welcome to Bank System ===

Enter your role (customer/employee/admin): employee

=== Employee Dashboard ===

1. Add Customer

2. View Customer Details

3. Update Customer Details

4. Delete Customer

5. Search Customer

6. Reset Customer Password

7. View All Loans

8. Approve Loan

9. Reject Loan

10. Add Account for Customer

11. Issue Card to Customer

12. Logout

Choose: 2

Enter Customer ID to view details: 3

Loading MySQL JDBC Driver...

Driver loaded successfully!

Customer ID: 3

Name: Ashwini Zimare

DOB: 1984-01-01

Gender: Female

Phone: 8767681121

Email: ashu@gmail.com

Address: Goleshwar

Nationality: Indian

=== Employee Dashboard ===

1. Add Customer
2. View Customer Details
3. Update Customer Details
4. Delete Customer
5. Search Customer
6. Reset Customer Password
7. View All Loans
8. Approve Loan
9. Reject Loan
10. Add Account for Customer
11. Issue Card to Customer
12. Logout

Choose: 4

Enter Customer ID to delete: 1

Loading MySQL JDBC Driver...

Driver loaded successfully!

Error deleting customer: Cannot delete or update a parent row: a foreign key constraint fails
(`bankdb`.`account`, CONSTRAINT `account_ibfk_1` FOREIGN KEY (`customer_id`) REFERENCES
`customer` (`customer_id`) ON DELETE CASCADE)

=== Employee Dashboard ===

1. Add Customer
2. View Customer Details
3. Update Customer Details

4. Delete Customer
5. Search Customer
6. Reset Customer Password
7. View All Loans
8. Approve Loan
9. Reject Loan
10. Add Account for Customer
11. Issue Card to Customer
12. Logout

Choose: 12

Logging out...

Press any key to continue . . .

```
PS D:\DBMS_Project> cmd /c "d:\DBMS_Project\run.bat"
```

Compiling all Java files...

Compilation complete!

Running MainApplication...

=== Welcome to Bank System ===

Enter your role (customer/employee/admin): admin

=== Admin Dashboard ===

1. Add New Employee
2. Delete Employee
3. View All Employees
4. Search Employee
5. Update Employee Details
6. Reset Employee Password
7. View Transaction Report by Account
8. Logout

Choose: 3

Loading MySQL JDBC Driver...

Driver loaded successfully!

Employee ID: 1

Name: Sanika Dange

Designation: Miss.

Salary: 75000.0

Branch ID: 1

Email: sanika@gmail.com

Employee ID: 2

Name: Pranali Jamadade

Designation: Miss

Salary: 55000.0

Branch ID: 2

Email: pranali@gmail.com

Employee ID: 3

Name: Sneha Jadhav

Designation: Miss.

Salary: 12.0

Branch ID: 1

Email: sneha@gmail.com

=== Admin Dashboard ===

1. Add New Employee
2. Delete Employee
3. View All Employees
4. Search Employee
5. Update Employee Details
6. Reset Employee Password
7. View Transaction Report by Account
8. Logout

Choose: 8

Logging out...

Press any key to continue . . .

PS D:\DBMS_Project>