# A.T.M. SIMULATOR PROJECT

BY **TECHTOONS**

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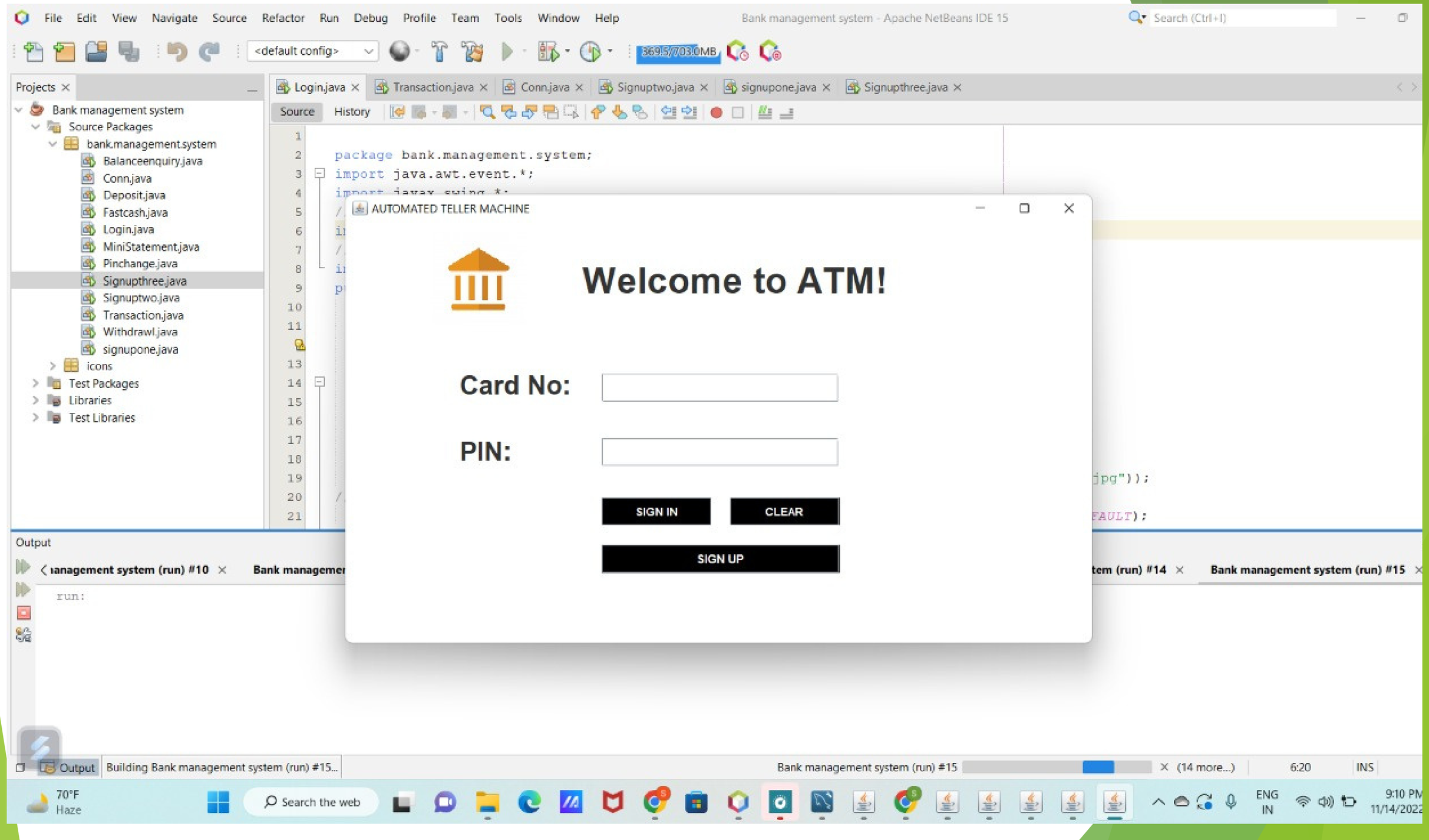
# ABOUT OUR PROJECT

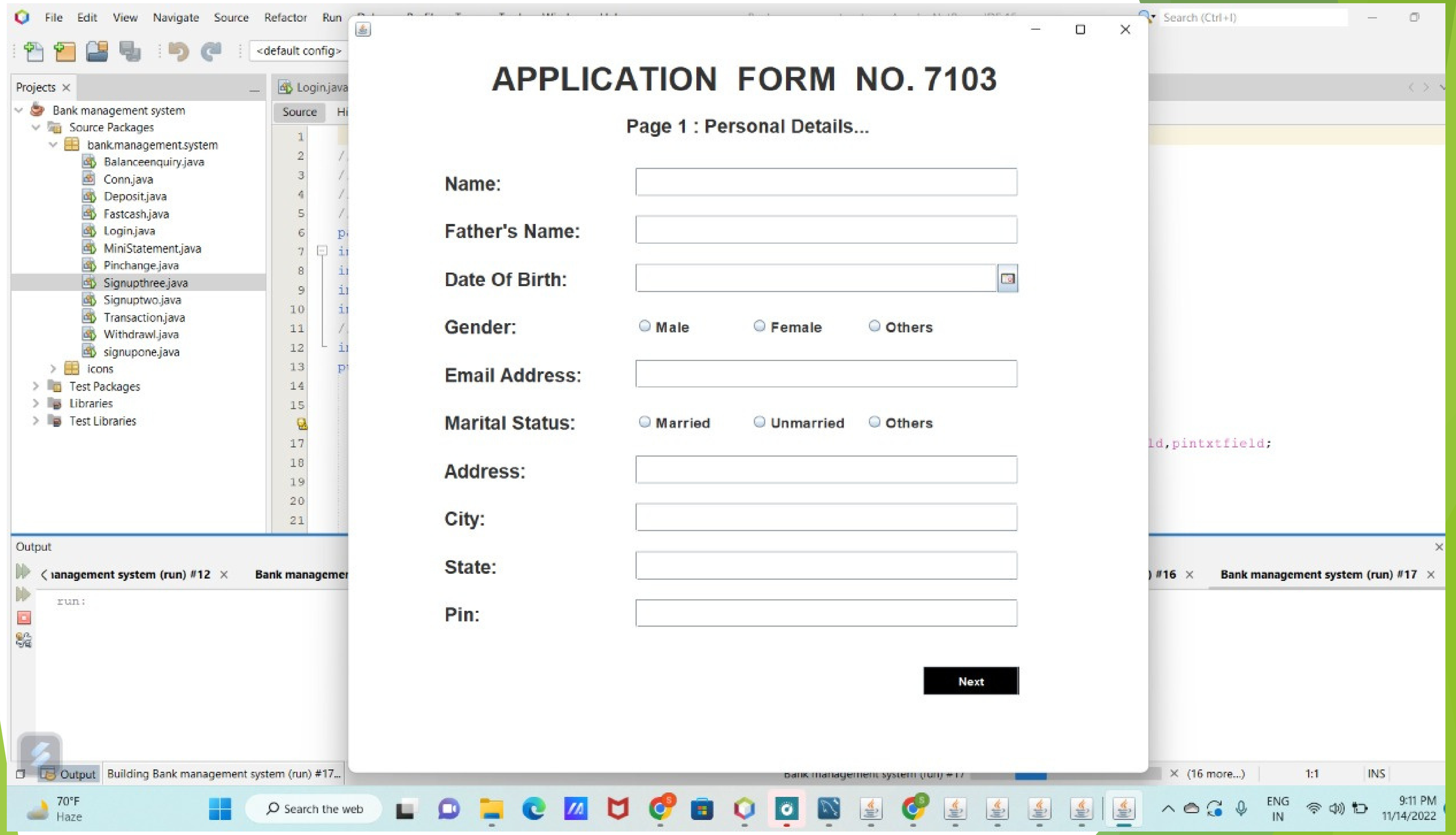
- ATM Simulator System functions similarly to the normal ATM.
- This ATM Simulator System has functionalities like :
- Opening Banking Account
- Deposit
- Withdrawal
- Mini Statement
- Pin Change

# TECHNOLOGIES USED :

- DATABASE SYSTEM
- This includes the use of Structured Query Language i.e. SQL
- SQL is configured on MYSQL Workbench 8.0.
- It is mainly used for storing the Credential & data of user .

- JAVA (SWING)
- This part covers the Front-End part of Project.
- NetBeans is the platform used in this case.
- JDBC (JAVA DATA BASE CONNECTIVITY )


File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Bank management system - Apache NetBeans IDE 15
Search (Ctrl+I)
<default config>
369.5/703.0MB
Projects
Bank management system
Source Packages
bank.management.system
Balanceenquiry.java
Conn.java
Deposit.java
Fastcash.java
Login.java
MiniStatement.java
Pinchange.java
Signupthree.java
Signuptwo.java
Transaction.java
Withdrawl.java
signupone.java
icons
Test Packages
Libraries
Test Libraries
Login.java
Transaction.java
Conn.java
Signuptwo.java
signupone.java
Signupthree.java
Source
History
package bank.management.system;
import java.awt.event.*;
AUTOMATED TELLER MACHINE
Welcome to ATM!
Card No:
PIN:
SIGN IN
CLEAR
SIGN UP
Output
run:
Output
Building Bank management system (run) #15...
Bank management system (run) #15
(14 more...)
6:20
INS
70°F
Haze
Search the web
ENG
IN
9:10 PM
11/14/2022


File Edit View Navigate Source Refactor Run
<default config>
Projects
Bank management system
Source Packages
bank.management.system
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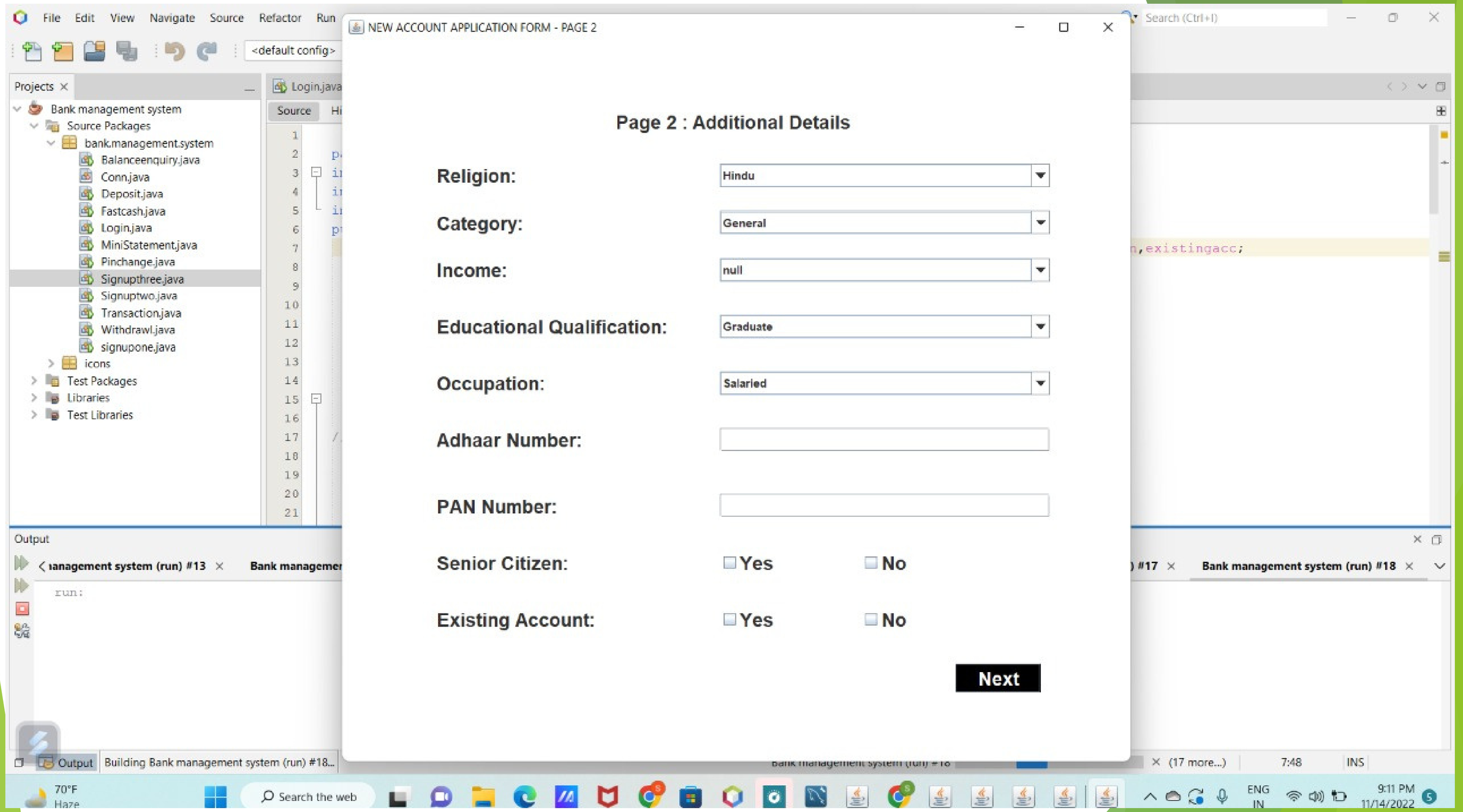
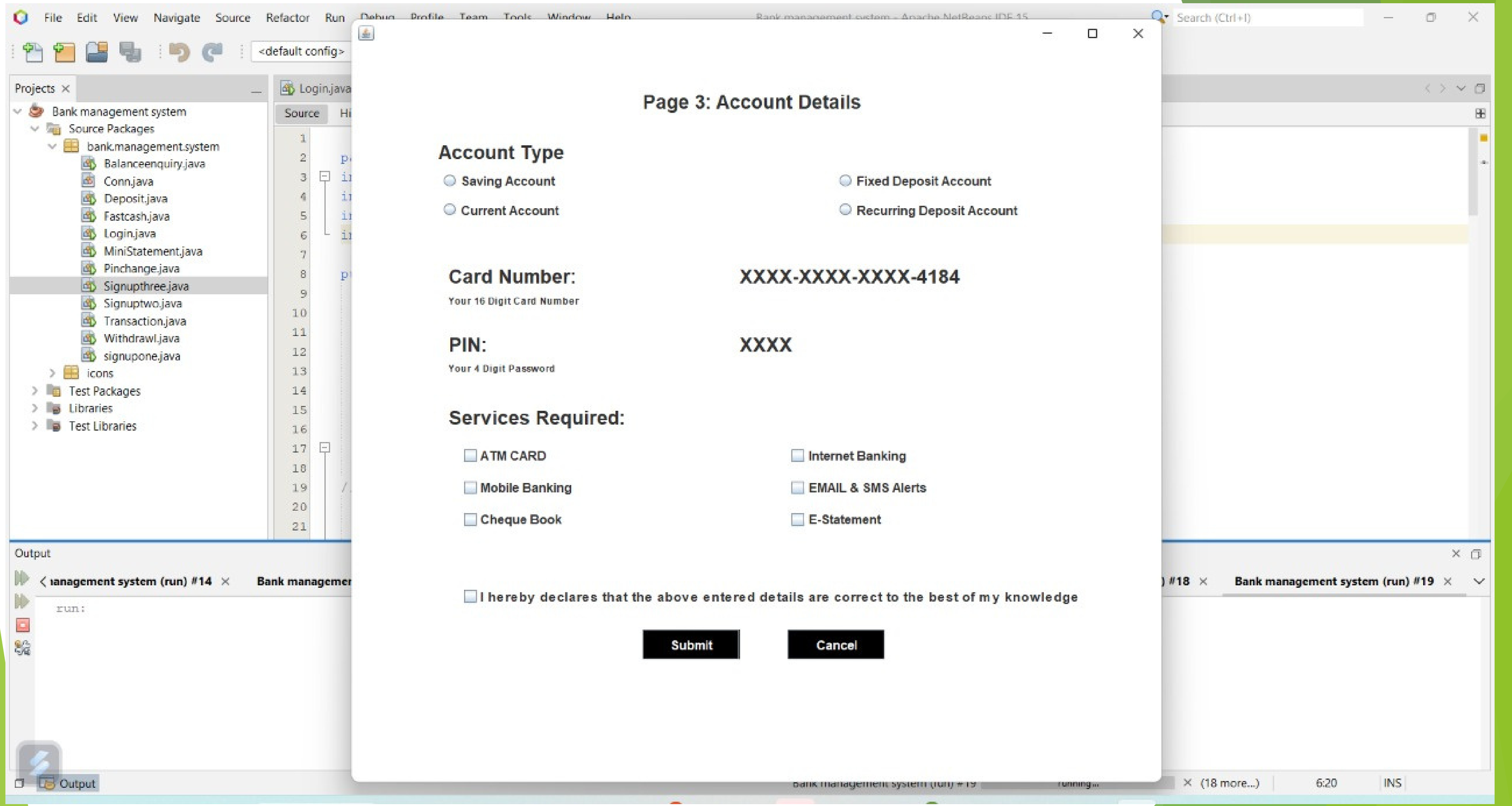
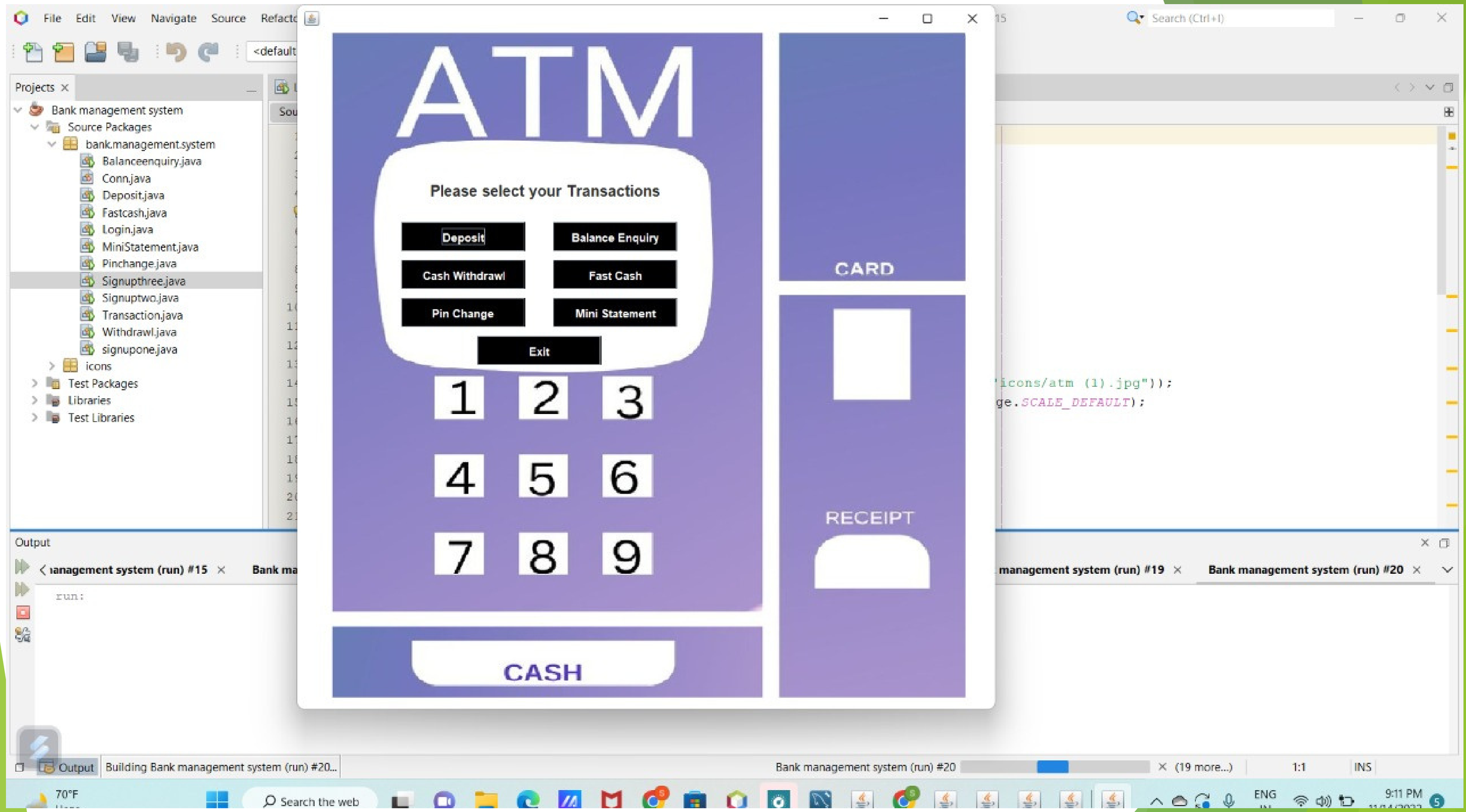
Transaction.java
Withdrawl.java
signupone.java
icons
Test Packages
Libraries
Test Libraries
Login.java
Source
APPLICATION FORM NO. 7103
Page 1 : Personal Details...
Name:
Father's Name:
Date Of Birth:
Gender:
Male
Female
Others
Email Address:
Marital Status:
Married
Unmarried
Others
Address:
City:
State:
Pin:
Next
Output
run:
Output
Building Bank management system (run) #17...
70°F
Haze
Search the web
ENG
IN
9:11 PM
11/14/2022


NEW ACCOUNT APPLICATION FORM - PAGE 2
Page 2 : Additional Details
Religion:
Hindu
Category:
General
Income:
null
Educational Qualification:
Graduate
Occupation:
Salaried
Adhaar Number:
PAN Number:
Senior Citizen:
Yes
No
Existing Account:
Yes
No
Next


Page 3: Account Details
Account Type
Saving Account
Current Account
Fixed Deposit Account
Recurring Deposit Account
Card Number:
Your 16 Digit Card Number
XXXX-XXXX-XXXX-4184
PIN:
Your 4 Digit Password
XXXX
Services Required:
ATM CARD
Mobile Banking
Cheque Book
Internet Banking
EMAIL & SMS Alerts
E-Statement
I hereby declares that the above entered details are correct to the best of my knowledge
Submit
Cancel


ATM
Please select your Transactions
Deposit
Balance Enquiry
Cash Withdrawl
Fast Cash
Pin Change
Mini Statement
Exit
1 2 3
4 5 6
7 8 9
CARD
RECEIPT
CASH
Bank management system
Source Packages
bank.management.system
Balanceenquiry.java
Conn.java
Deposit.java
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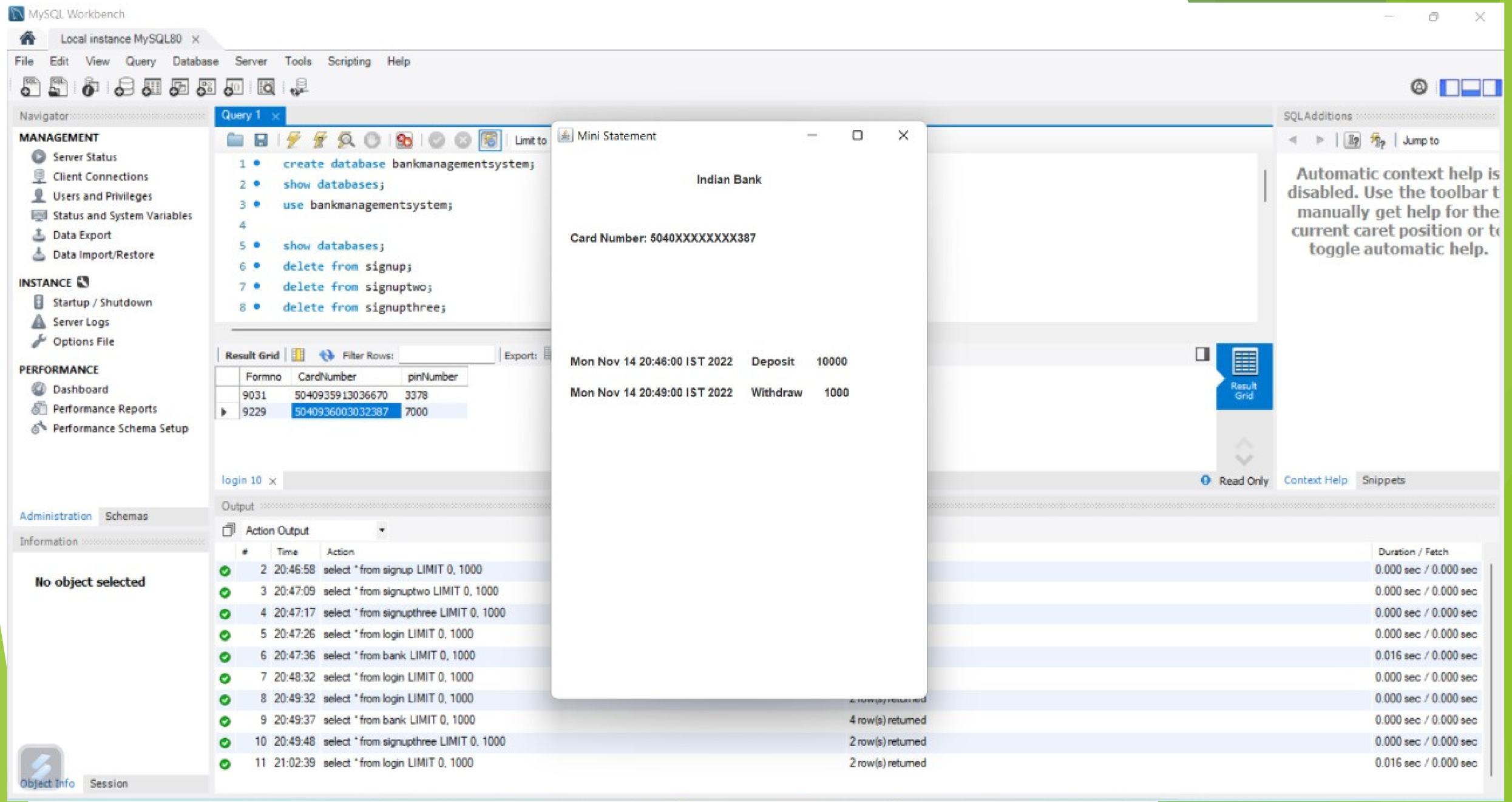
Pinchange.java
Signupthree.java
Signuptwo.java
Transaction.java
Withdrawl.java
signupone.java
icons
Test Packages
Libraries
Test Libraries
Output
run:
Bank management system (run) #19
Bank management system (run) #20
Building Bank management system (run) #20...
Bank management system (run) #20
(19 more...)
1:1
INS
Search the web
ENG
9:11 PM


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
MANAGEMENT
Server Status
Client Connections
Users and Privileges
Status and System Variables
Data Export
Data Import/Restore
INSTANCE
Startup / Shutdown
Server Logs
Options File
PERFORMANCE
Dashboard
Performance Reports
Performance Schema Setup
Administration Schemas
Information
No object selected
Object Info Session
Query 1
1 create database bankmanagementsystem;
2 show databases;
3 use bankmanagementsystem;
4
5 show databases;
6 delete from signup;
7 delete from signuptwo;
8 delete from signupthree;
Result Grid Filter Rows: Export:
Formno CardNumber pinNumber
9031 5040935913036670 3378
9229 5040936003032387 7000
login 10
Output
Action Output
# Time Action
2 20:46:58 select * from signup LIMIT 0, 1000
3 20:47:09 select * from signuptwo LIMIT 0, 1000
4 20:47:17 select * from signupthree LIMIT 0, 1000
5 20:47:26 select * from login LIMIT 0, 1000
6 20:47:36 select * from bank LIMIT 0, 1000
7 20:48:32 select * from login LIMIT 0, 1000
8 20:49:32 select * from login LIMIT 0, 1000
9 20:49:37 select * from bank LIMIT 0, 1000
4 row(s) returned
10 20:49:48 select * from signupthree LIMIT 0, 1000
2 row(s) returned
11 21:02:39 select * from login LIMIT 0, 1000
2 row(s) returned
Duration / Fetch
0.000 sec / 0.000 sec
0.000 sec / 0.000 sec
0.000 sec / 0.000 sec
0.000 sec / 0.000 sec
0.016 sec / 0.000 sec
0.000 sec / 0.000 sec
0.000 sec / 0.000 sec
0.000 sec / 0.000 sec
0.000 sec / 0.000 sec
0.016 sec / 0.000 sec
Mini Statement
Indian Bank
Card Number: 5040XXXXXXXX387
Mon Nov 14 20:46:00 IST 2022 Deposit 10000
Mon Nov 14 20:49:00 IST 2022 Withdraw 1000
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Result Grid
Read Only
Context Help Snippets

# PERKS OF HAVING ATM SIMULATOR SYSTEM

- The ability to access one's account 24/7 at multiple locations.
- The convenience of drive-up ATMs - you don't even have to leave your car.
- The ease of carrying a slim card as opposed to a wad of cashImproved customer service, as lines in traditional banks decrease.
- Lowered costs, as fewer human tellers are needed.
- More security when compared to cash; if an ATM card is reported as stolen, the thief won't be able to withdraw any cash.

# THANK YOU !