

# EduBridge



A Project

Report On

## **ATM INTERFACE**

By

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## **INTRODUCTION:**

ATM( Automatic Teller Machine ) interface manages the information in the bank account details regarding the cash inflow and outflow. It has the facility of to check the options like check the balance, deposit the money, withdrawn the money and exit from ATM.

## **MODULE:**

Interface module.

## **DESCRIPTION:**

ATM is a smart machine The main objective of the ATM interface is to reduce manual work and time. It is difficult and time-consuming to collect all the details bank. This project is java-based where the operations are updated on every step.

We perform operations like

1. Withdraw
2. Deposit
3. View the balance
4. Exit

### Operations used in the project:

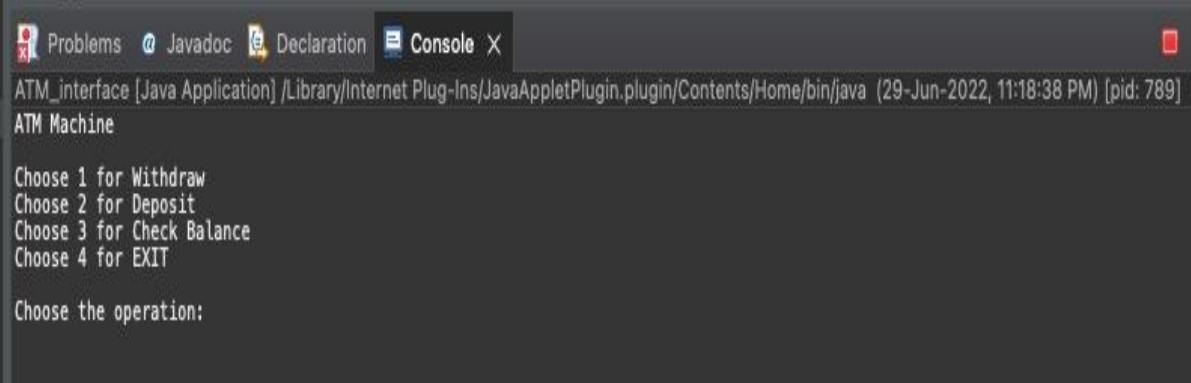
- To **Withdraw** the money, option-1 need to be selected. By selecting the option the desired amount need to be entry is the condition '  $BALANCE = BALANCE - WITHDRAW$ ' is satisfied then the amount will be deducted. If the condition is invalid then it prints **insufficient balance**. To check the updated balance can be viewed by selecting option-3.
- To **Deposit** money, option-2 need to be selected. Then enter the amount which has to be deposited. Therefore, the amount will be added to the existing balance. To check the updated balance can be viewed by selecting option-3.
- To **View the balance**, select option-3. This operations gives the balance amount in the account. It will be revised after every operation.
- To **Exit**, select option-4. No further operations are shown , the project will break/ terminated.

## RESULT:

On running the project, further observations are made with above operations:

### Observations/Screenshots of the console:

1. Display of the options.

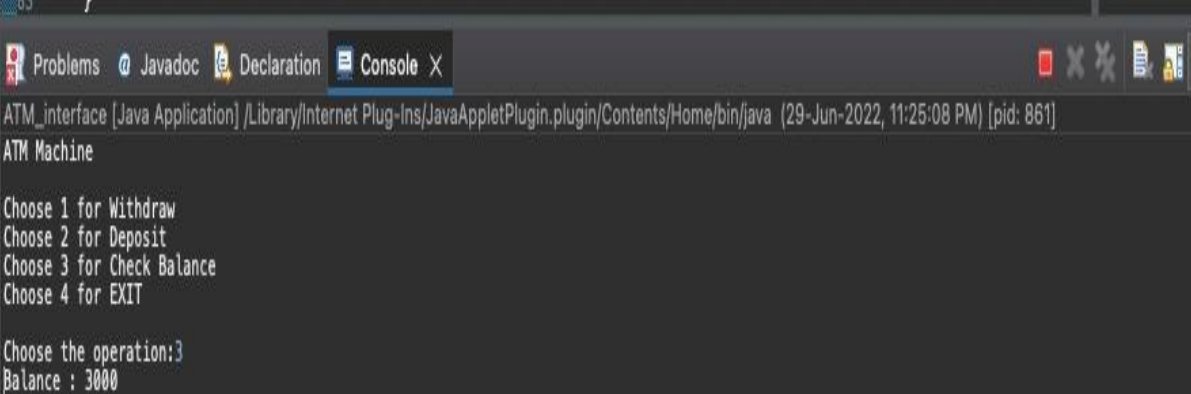


```
ATM_interface [Java Application] /Library/Internet Plug-Ins/JavaAppletPlugin.plugin/Contents/Home/bin/java (29-Jun-2022, 11:18:38 PM) [pid: 789]
ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:
```

2. Option 3 → Check the Balance .



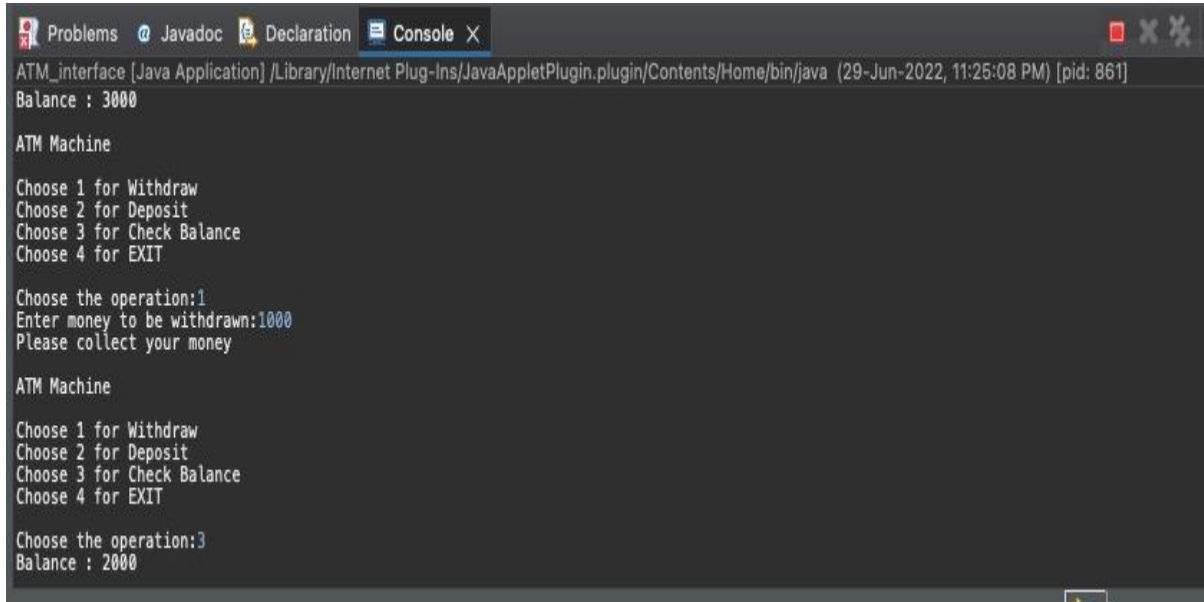
```
ATM_interface [Java Application] /Library/Internet Plug-Ins/JavaAppletPlugin.plugin/Contents/Home/bin/java (29-Jun-2022, 11:25:08 PM) [pid: 861]
ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:3
Balance : 3000
```

3.a. Option 1 → **Withdraw** of the money.

As well as the balance is revised which is viewed by option 3.



```
ATM_interface [Java Application] /Library/Internet Plug-Ins/JavaAppletPlugin.plugin/Contents/Home/bin/java (29-Jun-2022, 11:25:08 PM) [pid: 861]
Balance : 3000

ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:1
Enter money to be withdrawn:1000
Please collect your money

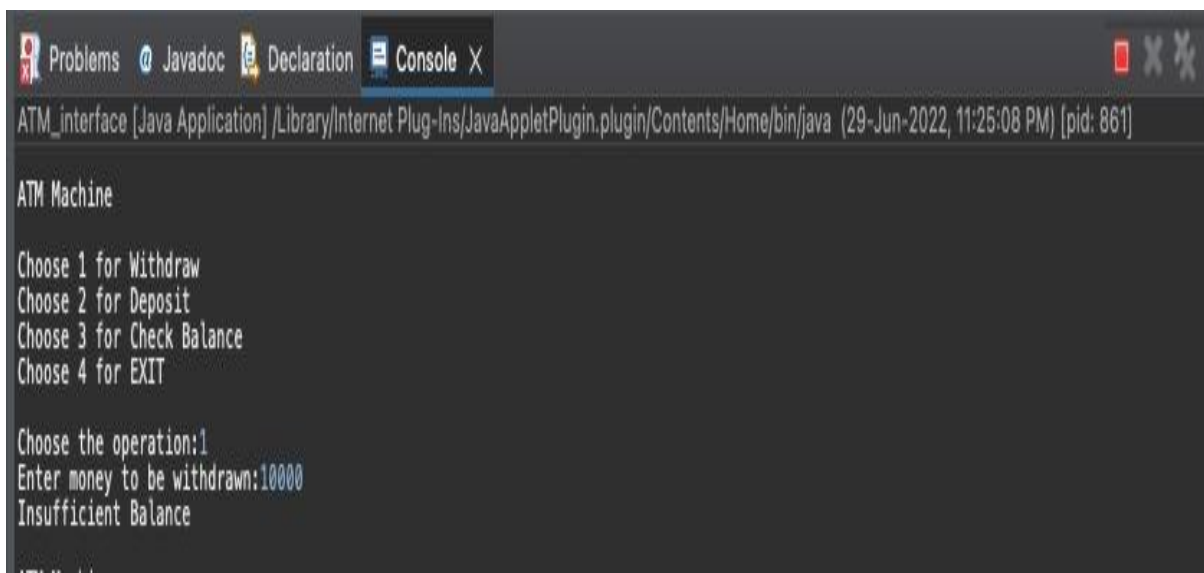
ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:3
Balance : 2000
```

3.b. Option 1 → **Withdraw** of the money.

Invalid condition which is managed with message insufficient balance.



```
ATM_interface [Java Application] /Library/Internet Plug-Ins/JavaAppletPlugin.plugin/Contents/Home/bin/java (29-Jun-2022, 11:25:08 PM) [pid: 861]

ATM Machine

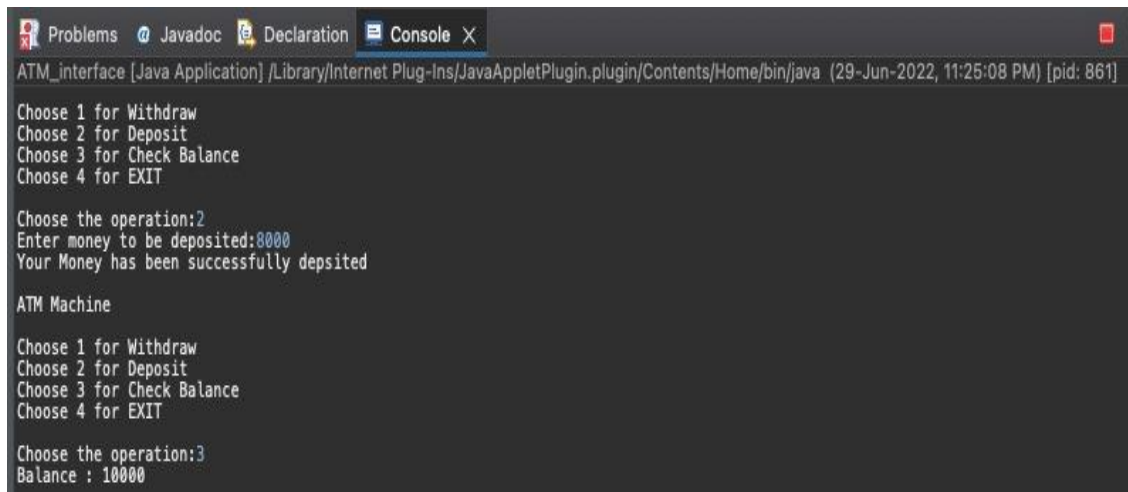
Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:1
Enter money to be withdrawn:10000
Insufficient Balance

ATM Machine
```

#### 4. Option 2 → **Deposit.**

The money will be added to the existing balance.



```
Problems  Javadoc  Declaration  Console X
ATM_interface [Java Application] /Library/Internet Plug-Ins/JavaAppletPlugin.plugin/Contents/Home/bin/java (29-Jun-2022, 11:25:08 PM) [pid: 861]

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

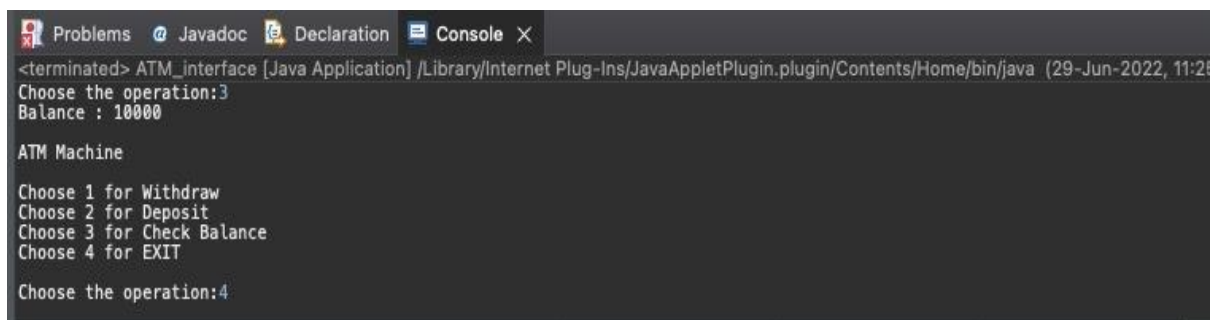
Choose the operation:2
Enter money to be deposited:8000
Your Money has been successfully deposite

ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:3
Balance : 10000
```

#### 5. Option 4 → **Exit.**



```
Problems  Javadoc  Declaration  Console X
<terminated> ATM_interface [Java Application] /Library/Internet Plug-Ins/JavaAppletPlugin.plugin/Contents/Home/bin/java (29-Jun-2022, 11:25:08 PM) [pid: 861]

Choose the operation:3
Balance : 10000

ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:4
```

These above observations are recorded on running the project.