

ATM Machine

By using OOPS

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Introduction:

The ATM System is the project which is used to access their bank accounts in order to make cash withdrawals. Whenever the user need to make cash withdraws, they can enter their PIN number (personal identification number) and it will display the amount to be withdrawn.

Standing for Automated Teller Machine, ATM has become an increasingly popular banking outlet to withdraw cash, deposit cheques and check the latest transactions and account balance.

The details added in the Machine:

In this by enetering our pin of the card we get these

Check A/C Balance

Withdraw Money

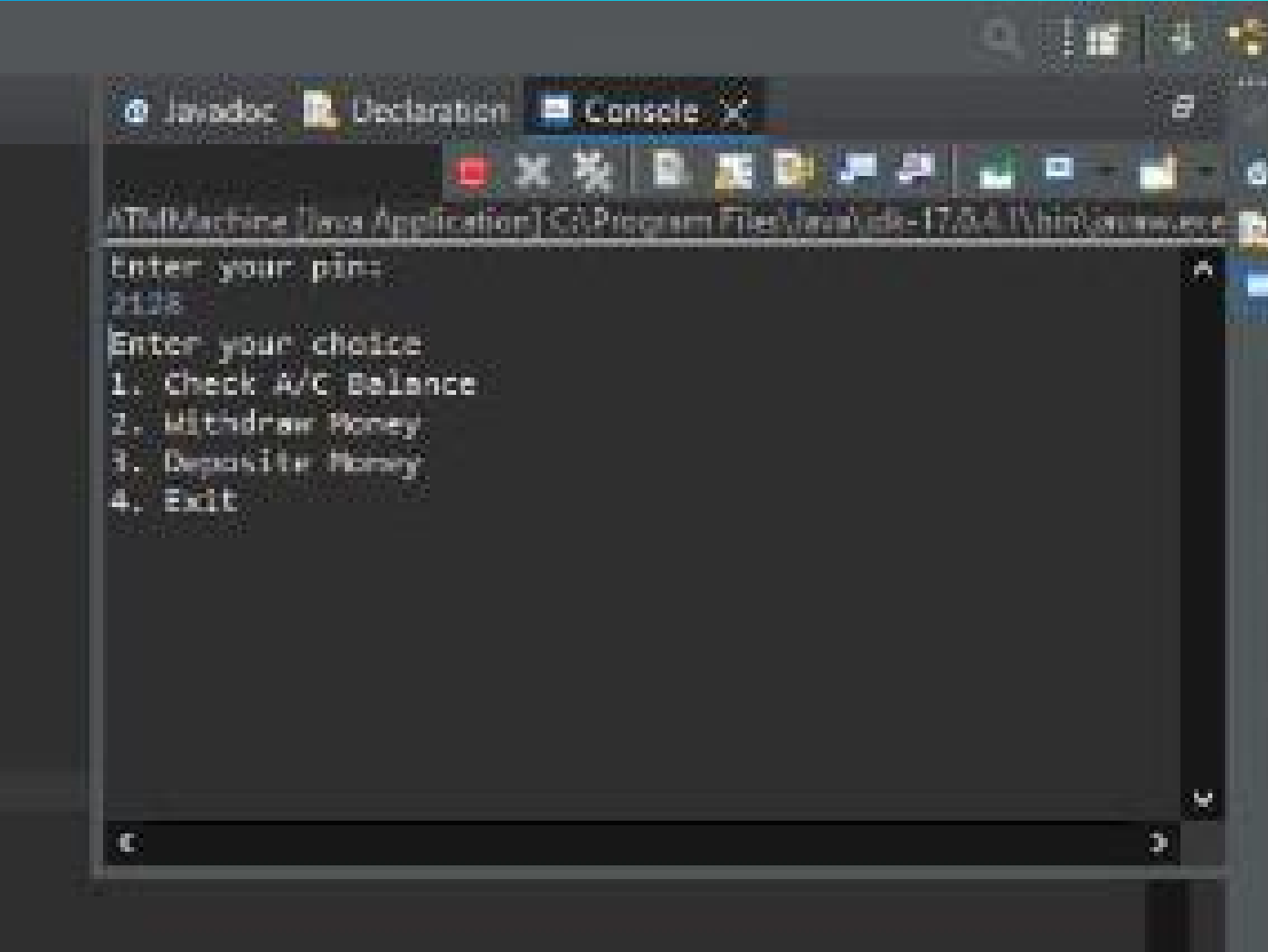
Deposite Money

Exit

After running the code we get the output

By entering the correct pin:2128

It gives the options



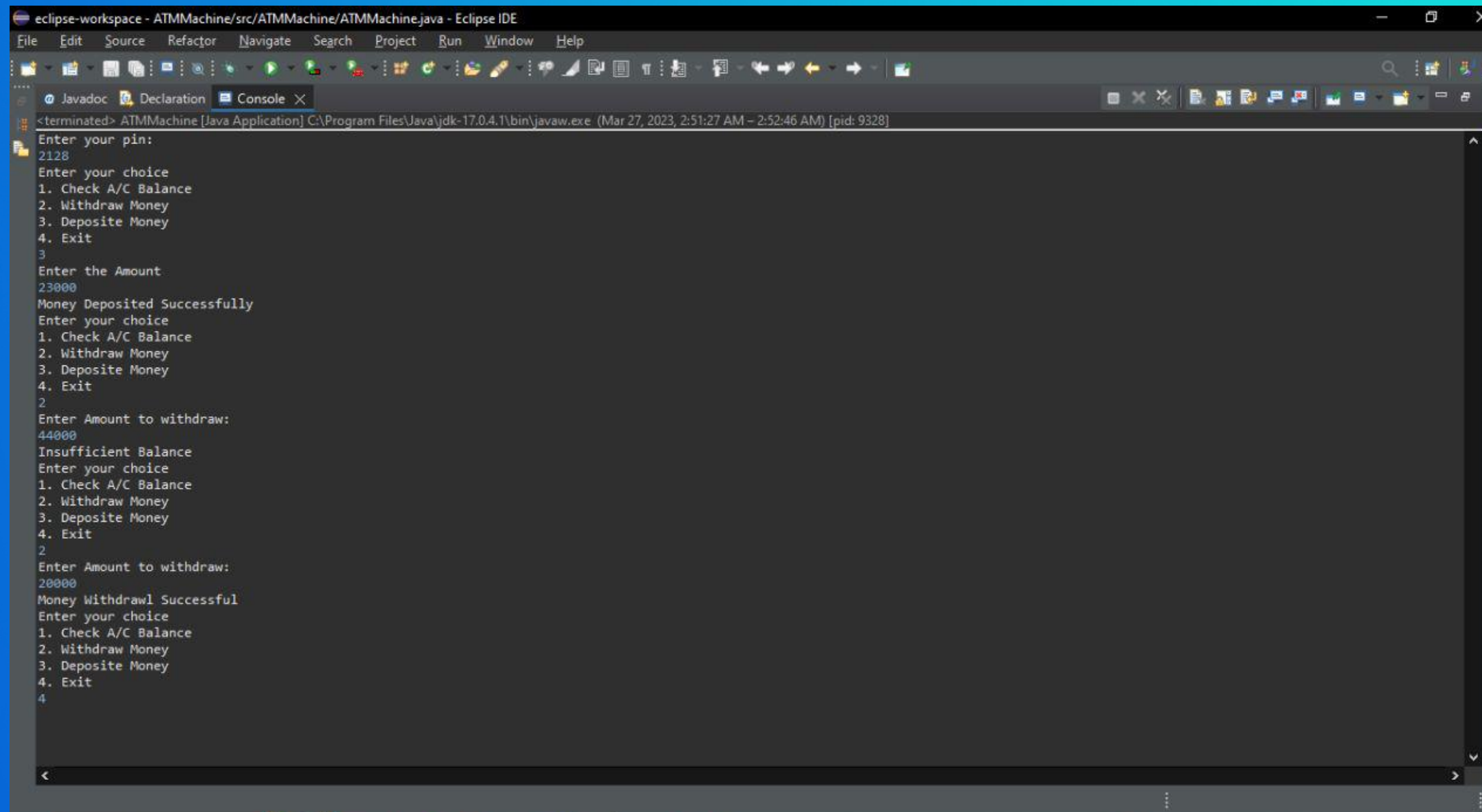
```
ATM Machine [Java Application] C:\Program Files\Java\jdk-17.0.4\bin\java.exe
Enter your pin:
2128
Enter your choice
1. Check A/C Balance
2. Withdraw Money
3. Deposit Money
4. Exit
```

Then if we want to check balance we can check it by entering the option1

We can withdraw the money, if there is less amount it give a message
that insufficient balance

And we can deposite the money also

This was the output:



```
eclipse-workspace - ATMMachine/src/ATMMachine/ATMMachine.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
<terminated> ATMMachine [Java Application] C:\Program Files\Java\jdk-17.0.4.1\bin\javaw.exe (Mar 27, 2023, 2:51:27 AM - 2:52:46 AM) [pid: 9328]
Enter your pin:
2128
Enter your choice
1. Check A/C Balance
2. Withdraw Money
3. Deposit Money
4. Exit
3
Enter the Amount
23000
Money Deposited Successfully
Enter your choice
1. Check A/C Balance
2. Withdraw Money
3. Deposit Money
4. Exit
2
Enter Amount to withdraw:
44000
Insufficient Balance
Enter your choice
1. Check A/C Balance
2. Withdraw Money
3. Deposit Money
4. Exit
2
Enter Amount to withdraw:
20000
Money Withdrawl Successful
Enter your choice
1. Check A/C Balance
2. Withdraw Money
3. Deposit Money
4. Exit
4
```

In this poroject we have used classes and objects, class attributes and methods to build the entire project and concepts of Java classes and objects .

Thank you....

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