Untitled-1

```java
import java.util.Scanner;

public class ATM {
    private double balance;

    public ATM() {
        balance = 0.0;  // Initial balance
    }

    // Method to check balance
    public void checkBalance() {
        System.out.println("Your current balance is: VSCODE_PRINT_CONTENTquot; + balance);
    }

    // Method to deposit money
    public void deposit(double amount) {
        if (amount > 0) {
            balance += amount;
            System.out.println("You have successfully deposited: VSCODE_PRINT_CONTENTquot; +
amount);
        } else {
            System.out.println("Invalid deposit amount.");
        }
    }

    // Method to withdraw money
    public void withdraw(double amount) {
        if (amount > 0 && amount <= balance) {
            balance -= amount;
            System.out.println("You have successfully withdrawn: VSCODE_PRINT_CONTENTquot; +
amount);
        } else if (amount > balance) {
            System.out.println("Insufficient balance.");
        } else {
            System.out.println("Invalid withdrawal amount.");
        }
    }

    public static void main(String[] args) {
        ATM atm = new ATM();
        Scanner scanner = new Scanner(System.in);
        int choice;

        while (true) {
            // Display menu
            System.out.println("\nATM Menu:");
            System.out.println("1. Check Balance");
            System.out.println("2. Deposit Money");
```

```
47              System.out.println("3. Withdraw Money");
48              System.out.println("4. Exit");
49              System.out.print("Enter your choice: ");
50              choice = scanner.nextInt();
51
52              switch (choice) {
53                  case 1:
54                      atm.checkBalance();
55                      break;
56                  case 2:
57                      System.out.print("Enter amount to deposit: ");
58                      double depositAmount = scanner.nextDouble();
59                      atm.deposit(depositAmount);
60                      break;
61                  case 3:
62                      System.out.print("Enter amount to withdraw: ");
63                      double withdrawAmount = scanner.nextDouble();
64                      atm.withdraw(withdrawAmount);
65                      break;
66                  case 4:
67                      System.out.println("Thank you for using the ATM. Goodbye!");
68                      System.exit(0);
69                  default:
70                      System.out.println("Invalid choice. Please try again.");
71              }
72          }
73      }
74  }
75
```