```
1 import java.util.Scanner;
   3 public class SquareRootCalculator {
          public static void main(String[] args) {
    Scanner scanner = new Scanner(System.in);
               System.out.print("Enter a number: ");
               try {
                   double number = Double.parseDouble(scanner.nextLine());
  10 -
                   if (number < 0) {</pre>
                              .out.println("Error: Cannot calculate the square root of a negative number."
  11
                   } else {
  12 -
                              m.out.println("Square root: " + Math.sqrt(number));
  13
               } catch (NumberFo
                          .out.println("Error: Invalid input. Please enter a numeric value.");
               } finally {
                   scanner.close();
          }
  21 }
  22
                                                                          input
Enter a number: -16
Error: Cannot calculate the square root of a negative number.
```

...Program finished with exit code 0

Press ENTER to exit console.

```
public InsufficientBalanceException(String message) {
 11
             super(message);
 12
     }
     public class ATMWithdrawalSystem {
         private static final int CORRECT_PIN = 1234;
         private static double balance = 3000;
 17
         public static void main(String[] args) {
             Scanner scanner = new Scanner(System.in);
 21
 22 -
                    stem.out.print("Enter PIN: ");
 23
                 int enteredPin = scanner.nextInt();
 24
 25
                 if (enteredPin != CORRECT_PIN) {
                     throw new InvalidPinException("Error: Invalid PIN.");
                 }
                 System.out.print("Withdraw Amount: ");
 30
                 double amount = scanner.nextDouble();
                 if (amount > balance) {
                     throw new InsufficientBalanceException("Error: Insufficient balance.");
 34
input
Enter PIN: 1234
Withdraw Amount: 5000
Error: Insufficient balance. Current Balance: 3000.0
Final Balance: 3000.0
... Program finished with exit code 0
Press ENTER to exit console.
```

ATMWithdrawalSy...

