Program: create a custom exception class to check the number is non zero value. implement in a class which find square of given number. Write a java program

```java
//creating aNonZeroValueException which extends the class Exception
 class NonZeroValueException extends Exception {
   public NonZeroValueException(String message) {
     super(message);
   }
}

class SquareCalculator {
   public static double findSquare(double number) throws NonZeroValueException {
     if (number == 0) {
       throw new NonZeroValueException("Error: Number cannot be zero.");
     }
     return number * number;
   }
}
class SquareCalculatoeProgram{
   public static void main(String[] args) {
     try {
       // Example: Find the square of a given number
       double inputNumber = 5.0;
       double squareResult = SquareCalculator.findSquare(inputNumber);
       System.out.println("Square of " + inputNumber + " is: " + squareResult);
```

```java
        // Example with zero value to trigger the custom exception

        // double zeroInput = 0.0;

        // double squareZero = SquareCalculator.findSquare(zeroInput); // Uncomment to test


    } catch (NonZeroValueException e) {

        System.out.println(e.getMessage());

    }

  }

}
```

Output:

The square of 5.0 = 25.0