

Write a Java program that throws an exception and catch it using a try-catch block.

Sample Solution:

Java Code:

```
public class Exception_Example {  
    public static void main(String[] args) {  
        try {  
            int result = divideNumbers(5, 0);  
            System.out.println("Result: " + result);  
        } catch (ArithmeticException e) {  
            System.out.println("Error: " + e.getMessage());  
        }  
    }  
    public static int divideNumbers(int dividend, int divisor) {  
        if (divisor == 0) {  
            throw new ArithmeticException("Cannot divide the given number by zero");  
        }  
        return dividend / divisor;  
    }  
}
```

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Sample Output:

```
Error: Cannot divide the given number by zero!
```