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BRANCH/ROLL NO: AI&DS/55

```
import java.io.*;
```

```
class Exception
```

```
{  
    public static void main(String[] args) {  
        int x = 3;  
        int y = 0;  
        try  
        {  
            System.out.println(x/y);  
        }  
        catch(ArithmeticException m)  
        {  
            m.printStackTrace();  
        }  
    }  
}
```

OUTPUT:

```
C:\Users\Acer\Desktop\experiments java>java Exception.java  
java.lang.ArithmeticException: / by zero  
    at Exception.main(Exception.java:10)  
    at java.base/jdk.internal.reflect.DirectMethodHandleAccessor.invoke(DirectMethodHandleAccessor.java:104)  
    at java.base/java.lang.reflect.Method.invoke(Method.java:578)  
    at jdk.compiler/com.sun.tools.javac.launcher.Main.execute(Main.java:435)  
    at jdk.compiler/com.sun.tools.javac.launcher.Main.run(Main.java:205)  
    at jdk.compiler/com.sun.tools.javac.launcher.Main.main(Main.java:132)  
  
C:\Users\Acer\Desktop\experiments java>
```