

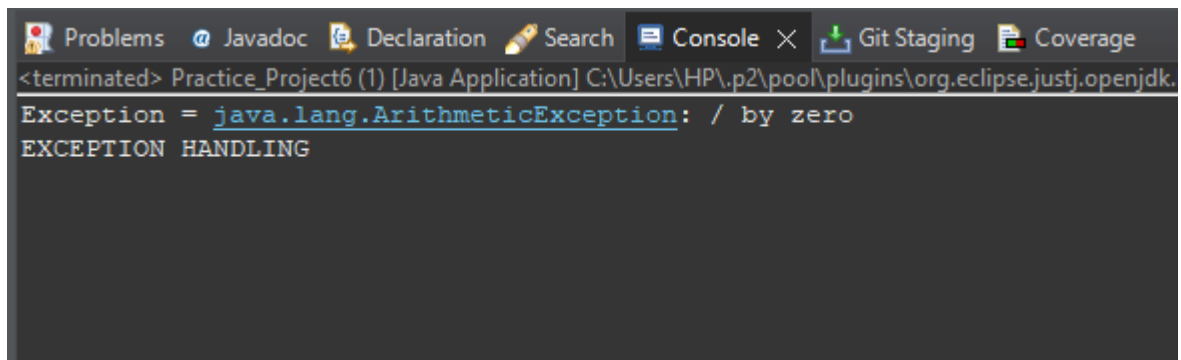
6. Write a program in Java to demonstrate exception handling

### SOURCE CODE

```
// demonstrate exception handling
package assistedPracticeProject2;

public class Practice_Project6
{
    public static void main(String[] args)
    {
        try
        {
            //code that may raise exception
            int num=100/0;
        }
        catch(ArithmeticException e)
        {
            System.out.println("Exception = "+e);
        }
        finally
        {
            System.out.println("EXCEPTION HANDLING");
        }
    }
}
```

### OUTPUT

A screenshot of the Eclipse IDE's console window. The window has a dark background with a toolbar at the top containing icons for Problems, Javadoc, Declaration, Search, Console, Git Staging, and Coverage. The console text shows the execution of the Java program. It starts with a status line: "<terminated> Practice\_Project6 (1) [Java Application] C:\Users\HP\.p2\pool\plugins\org.eclipse.justj.openjdk.". Below this, the exception is displayed: "Exception = java.lang.ArithmeticException: / by zero". Finally, the output from the finally block is shown: "EXCEPTION HANDLING".

```
<terminated> Practice_Project6 (1) [Java Application] C:\Users\HP\.p2\pool\plugins\org.eclipse.justj.openjdk.
Exception = java.lang.ArithmeticException: / by zero
EXCEPTION HANDLING
```