

5. Writing program in Java to throws, throw, finally, and custom exceptions in Java.

```
package javaFsd2;
public class throwsDemo{
    public void div(int a,int b)throws ArithmeticException {
        if(b==0) {
            throw new ArithmeticException();
        }
        else {
            int c=a/b;
            System.out.println(c);
        }
    }
    public static void main(String[] args) {
        throwsDemo t=new throwsDemo();
        try {
            t.div(66, 0);
        }
        catch( ArithmeticException e) {
            System.out.println("pls check the divisor");
            t.div(6,3);
        }
        finally {
            System.out.println("finally block...");
        }
    }
}
```

Output

```
Console ×  
<terminated> throwsDemo [Java Application] C:\Users\JOTHIKA\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jr  
pls check the divisor  
2  
finally block...
```