Responda os exercícios abaixo

Exercício 1

▸ Este código está correto ?

```
try     {
}
finally {
}
```

Exercício 2– Qual a saída deste progama?

```java
package yourownexception;
class MyException extends Exception {
    public MyException() {
    }
    public MyException(String msg) {
        super(msg);
    }
}
public class Main {
    public static void f() throws MyException {
        System.out.println("Throwing MyException from f()");
        throw new MyException();
    }
    public static void g() throws MyException {
        System.out.println("Throwing MyException from g()");
        throw new MyException("Originated in g()");
    }
    public static void main(String[] args) {
        try {
            f();
        } catch (MyException e) {
            System.out.println("Exception 1");
        }
        try {
            g();
        } catch (MyException e) {
            System.out.println("Exception 2");
        }
    }}
```

Exercício 3 – Qual a saída deste programa?

```java
package rethrowdifferentexception;

class OneException extends Exception {
    public OneException(String s) {
        super(s);
    }
}
class TwoException extends Exception {
    public TwoException(String s) {
        super(s);
    }
}
public class Main {

    public static void someMethod() throws OneException {
        System.out.println("originating the exception in someMethod()");
        throw new OneException("thrown from f()");
    }

    public static void main(String[] args) throws TwoException {
        try {
            someMethod();
        } catch (OneException e) {
            System.err.println("Caught in main, e.printStackTrace()");
            e.printStackTrace();

            throw new TwoException("from main()");
        }
    }
}
```

Exercício 4– Qual a saída deste programa?

```java
class MyParentException extends Exception {
}
class MyChildException extends MyParentException {
}

public class Main {
    public static void main(String[] args) {
        try {
            throw new MyChildException();
        } catch (MyChildException s) {
            System.err.println("Caught MyChildException");
        } catch (MyParentException a) {
            System.err.println("Caught MyParentException");
        }
    }
}
```