Name: _____   Date:_____

Student #: _____

COMP3021: Java Programming In-class Exercise

What is the output of the following program:

```java
class ExceptionA extends RuntimeException { }
class ExceptionB extends ExceptionA {}
class ExceptionC extends RuntimeException {}

class Exercise3 {
  void method1(){
    try{
      int i=1;
      throw new ExceptionB();
    }catch(ExceptionA e){
      System.out.println("2");
    }finally{
      System.out.println("1");
    }
    System.out.println("3");
  }
  void method2(){
    try{
      method1();
      System.out.println("4");
    }catch(ExceptionB e){
      System.out.println("5");
      throw new ExceptionC();
    }
  }
  void method3(){
    try{
      method2();
    }catch(Exception e){
      System.out.println("6");
    }
  }
  public static void main(String[] args)
  {
    new Exercise3().method3();
    System.out.println("7");
  }
}
```