



In-class Exercises RIPR Model Review

Software Testing & Maintenance

SWE 437

<http://go.gmu.edu/swe437>

Dr. Brittany Johnson-Matthews

(Dr. B for short)

In-class Exercise

Today we reviewed the fault, error, & failure (RIPR) model.

In your group, answer the following questions for the Java method in [OddsOrPos.java](#):

1. Explain the fault and propose a fix.
2. If possible, give a **test input that does not reach the fault**.
3. If possible, give a **test input that reaches the fault, but does not result in an error state**.
4. If possible, give a **test input that results in an error state, but not a failure**.
5. Find a **test input that results in failure**.
- 5a. *Describe the first error state.* Be sure to describe the complete state.