In-class Exercises
RIPR Model Review

Software Testing & Maintenance
SWE 437
http://go.gmu.edu/swe437

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(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.