

# Module 11: Lab

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1. T1:R(X), T2:R(X), T1:W(X), T2:W(X)

NY Y

2. T1:W(X), T2:R(Y), T1:R(Y), T2:R(X)

YUN ; it is unknown if its recoverable because the abort/commit sequence are not specified

3. T1:R(X), T2:R(Y), T3:W(X), T2:R(X), T1:R(Y)

YUN ; it is unknown if its recoverable because the abort/commit sequence are not specified

4. T1:R(X), T1:R(Y), T1:W(X), T2:R(Y), T3:W(Y), T1:W(X), T2:R(Y)

NUN ; it is unknown if its recoverable because the abort/commit sequence are not specified

5. T1:R(X), T2:W(X), T1:W(X), T2:Abort, T1:Commit

Y Y Y

6. T1:R(X), T2:W(X), T1:W(X), T2:Commit, T1:Commit

N Y Y

7. T1:W(X), T2:R(X), T1:W(X), T2:Abort, T1:Commit

N N N

8. T1:W(X), T2:R(X), T1:W(X), T2:Commit, T1:Commit

N N N

9. T1:W(X), T2:R(X), T1:W(X), T2:Commit, T1:Abort

YNN

10. T2: R(X), T3:W(X), T3:Commit, T1:W(Y), T1:Commit,  
T2:R(Y), T2:W(Z), T2:Commit

YYY

11. T1:R(X), T2:W(X), T2:Commit, T1:W(X), T1:Commit, T3:R(X), T3:Commit

NYY

12. T1:R(X), T2:W(X), T1:W(X), T3:R(X), T1:Commit, T2:Commit, T3:Commit

NYN