

sure, let's create schedules for each scenario:

(a) Write-Read Conflict:

Transaction T1 reads object X, Transaction T2 reads objects X and Y,  
Transaction T1 writes object X, and finally Transaction T2 reads object X.

Schedule:

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T1: Read(X)

T2: Read(X)

T2: Read(Y)

T1: Write(X)

T2: Read(X)

In this schedule, Transaction T1 writes to object X after Transaction T2 has read object X but before Transaction T2 reads it again. This constitutes a write-read conflict.

(b) Read-Write Conflict:

Transaction T1 reads objects X and Y, Transaction T2 reads objects X and Y,  
Transaction T1 writes object X, and finally Transaction T2 writes object Y.

Schedule:

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T1: Read(X)

T2: Read(X)

T1: Write(x)

T2: Write(y)

In this schedule, Transaction T2 writes to object Y after Transaction T1 has read object Y but before Transaction T1 writes to it. This constitutes a read-write conflict.

(c) Write-Write conflict:

Transaction T1 reads objects X and Y, Transaction T2 reads objects X and Y, Transaction T1 writes object X, and finally Transaction T2 writes object X.

Schedule:

Sure, let's create schedules for each scenario:

(a) Write-Read conflict:

Transaction T1 reads object X, Transaction T2 reads objects X and Y, Transaction T1 writes object X, and finally Transaction T2 reads object X.

Schedule:

css

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T1: Read(x)

T2: Read(x)

T2: Read(y)

T1: Write(x)

T2: Read(x)

In this schedule, Transaction T1 writes to object X after Transaction T2 has read object X but before Transaction T2 reads it again. This constitutes a write-read conflict.

### (b) Read-Write Conflict:

Transaction T1 reads objects X and Y, Transaction T2 reads objects X and Y,  
Transaction T1 writes object X, and finally Transaction T2 writes object Y.

Schedule:

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T1: Read(X)

T2: Read(X)

T2: Read(Y)

T1: Write(X)

T2: Write(Y)

In this schedule, Transaction T2 writes to object Y after Transaction T1 has read object Y but before Transaction T1 writes to it. This constitutes a read-write conflict.

### (c) Write-Write Conflict:

Transaction T1 reads objects X and Y, Transaction T2 reads objects X and Y,  
Transaction T1 writes object X, and finally Transaction T2 writes object X.

Schedule:

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T1: Read(X)

T2: Read(X)

T2: Read(Y)

T1: Write(X)

T2: Write(X)

In this schedule, Transaction T2 writes to object X after Transaction T1 has written to it. This constitutes a write-write conflict.