











| 5                              | Sequence 2  |   |  |  |
|--------------------------------|---|---|--|--|
| process 1                      | process 2   |   |  |  |
| reads balance = sets balance = | reads balance = 100<br>100<br>sets balance = 70<br>80 |   |  |  |
| ???                            |   |   |  |  |
| Fall 2008                      | Programming Development<br>Techniques                 | 7 |  |  |

|                                   | Sequence 3  |   |
|-----------------------------------|---|---|
| process 1                         | process 2   |   |
| reads balance =<br>sets balance = | reads balance = 100<br>100<br>80<br>sets balance = 70 |   |
|                                   | ???   |   |
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| x = 10  |  |
|---------|---------|---------|---------|---------|--|
| R1(10)  | R2(10)  | R2(10)  | R1(10)  | R1(10)  |  |
| R1(10)  | S2(11)  | R1(10)  | R1(10)  | R1(10)  |  |
| S1(100) | R1(11)  | S2(11)  | R2(10)  | R2(10)  |  |
| R2(100) | R1(11)  | R1(11)  | S1(100) | S2(11)  |  |
| S2(101) | S1(121) | S1(110) | S2(11)  | S1(100) |  |
| x = 101 | x = 121 | x = 110 | x = 11  | x = 100 |  |
|         |         |         |         |         |  |





















































