

Distributed Databases

CS347

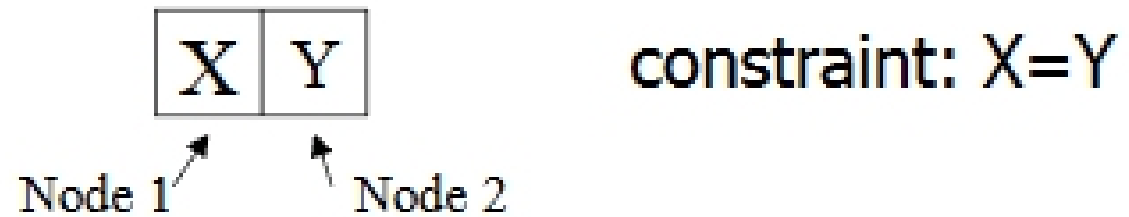
Lecture 15

June 4, 2001

Topics for the day

- Concurrency Control
 - Schedules and Serializability
 - Locking
 - Timestamp control
- Reliability
 - Failure models
 - Two-phase commit protocol

Example



	T_1		T_2
1	$a \leftarrow X$	5	$c \leftarrow X$
2	$X \leftarrow a+100$	6	$X \leftarrow 2c$
3	$b \leftarrow Y$	7	$d \leftarrow Y$
4	$Y \leftarrow b+100$	8	$Y \leftarrow 2d$