VÊRSÎTY	Race Condition
Synchronization <b>CSCI 315 Operating Systems Design</b> Department of Computer Science	<ul> <li>A race occurs when the correctness of a program depends on one thread reaching point x in its control flow before another thread reaches point y.</li> <li>Races usually occurs because programmers assume that threads will take some particular trajectory through the execution space, forgetting the golden rule that threaded programs must work correctly for any feasible trajectory.</li> </ul>
Notice: The slides for this lecture have been largely based on those from an earlier edition of the course text Operating Systems Concepts, 8th ed., by Silberschatz, Galvin, and Gagne. Mary, if not all, the illustrations contained in this presentation come from his source.	Computer System A Programmer's Perspective Randal Bryant and David O'Hallaror CSCI 315 Operating Systems Design
The Synchronization Problem	The Critical-Section Problem

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