

Capstone Exam local variable scope? 2pts In an operating system, where is the list of processes waiting for a particular

2pts A process that has terminated, but whose parent has not yet called wait(), is known as a _____ process.

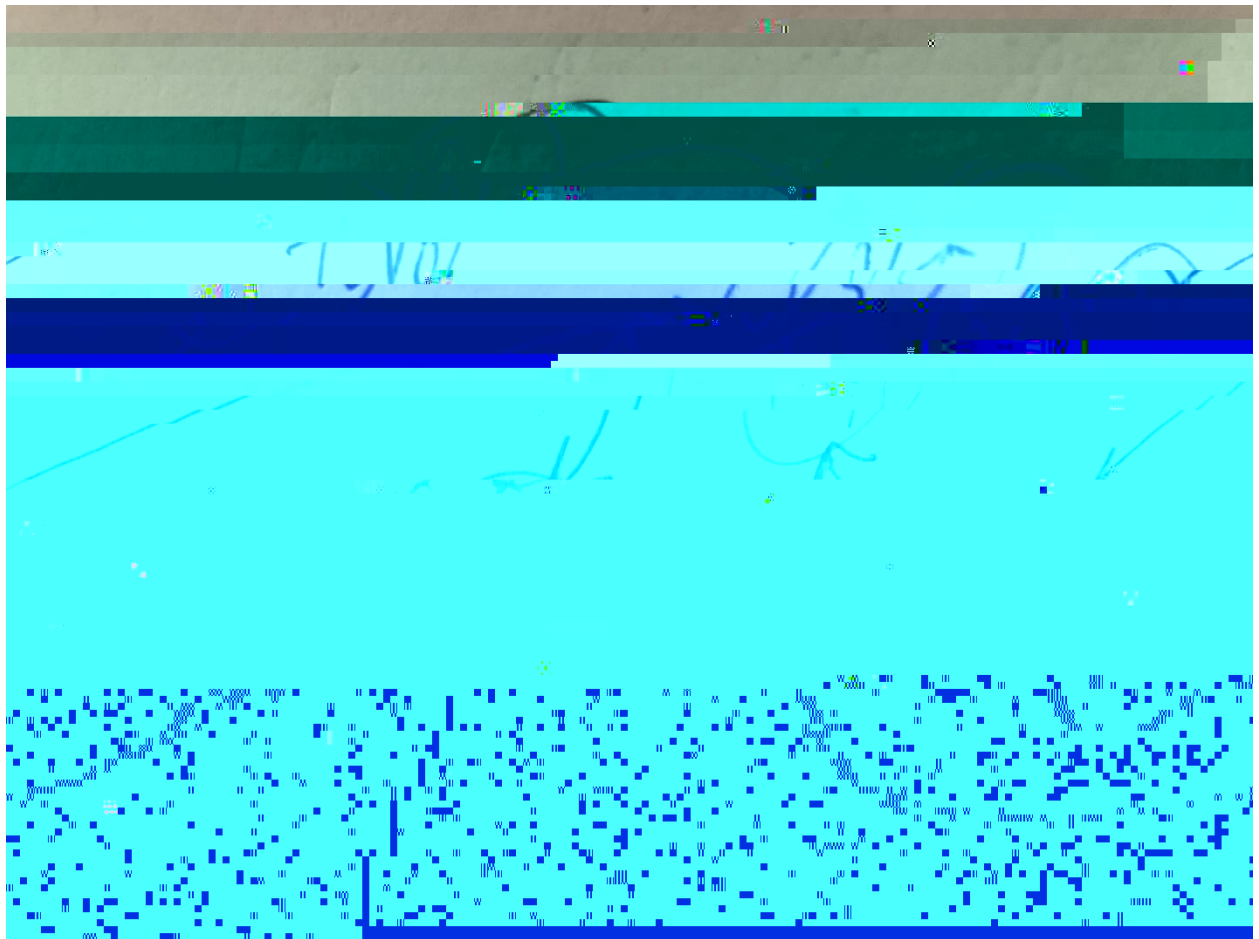
3pts Define what is meant by the term race condition. What is a solution mechanism to solve race conditions?

8pts) Assume for the following that competition synchronization is NOT enabled.

The $init = 2$, process X has the statement: $init = init + 2$, and process Y has the statement: $init =$

2pts What is meant by a "safe state?"

12pts Given the table below, show that the system is in a safe state.



CS 692: