Deadlock Prevention

Break The Four Conditions

Attacking the Mutual Exclusion Condition

▶ For example, using a *printing daemon* to avoid exclusive access to a printer.
▶ Not always possible
  ▶ Not required for sharable resources;
  ▶ must hold for nonsharable resources.
▶ The best we can do is to avoid mutual exclusion as much as possible
  ▶ Avoid assigning a resource when not really necessary
  ▶ Try to make sure as few processes as possible may actually claim the resource