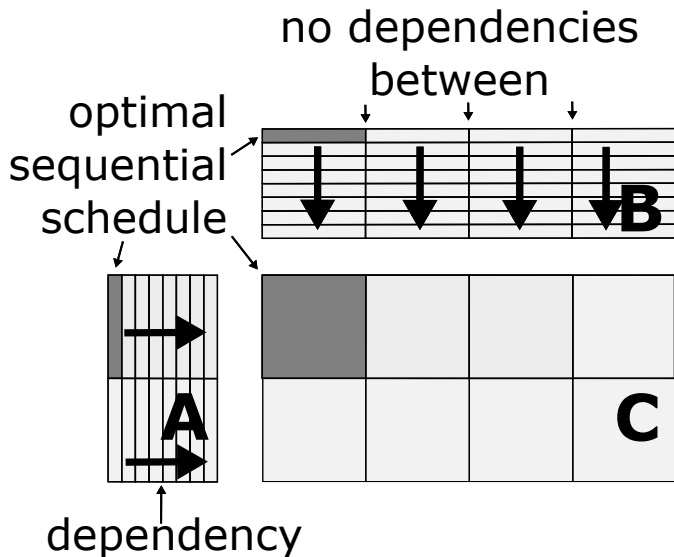


step 1: find sequential schedule



step 2: parallelize while minimizing dependencies between processes

