

Q: What should m do?

Case 2.1: m is free $\Rightarrow m$ accepts w 's proposal
 (m, w) engaged

Case 2.2 Let (m, w') be engaged

Case 2.2.1: $w' > w$ in L_m : no changes

Case 2.2.2: $w > w'$ in L_m : (m, w) get engaged
 w' is free