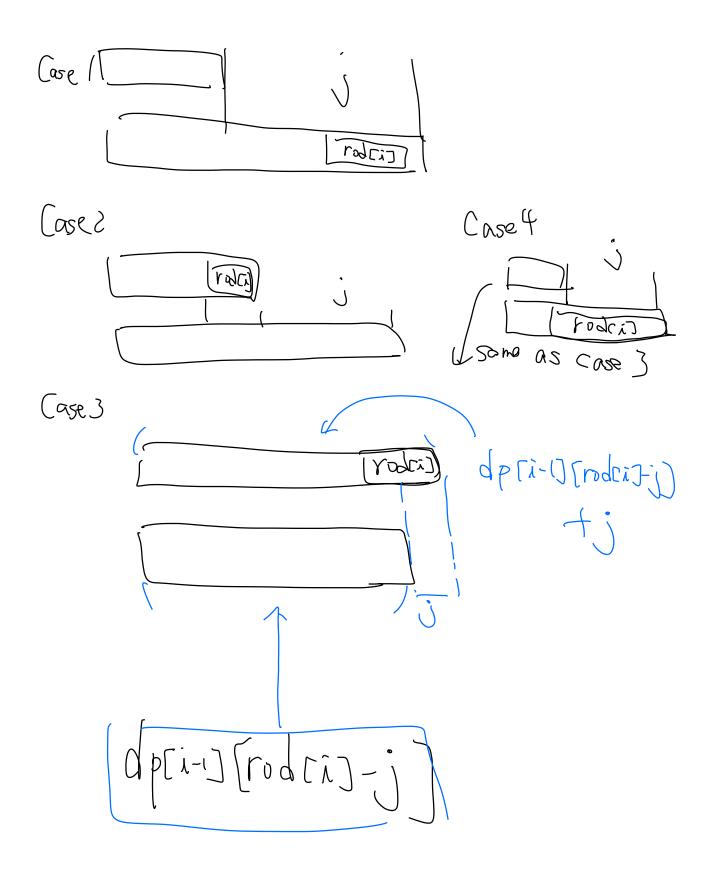
(rod i bago, bag1 dprijeij = maximum length of bag 1 When using Owi rod and bag1-bago=



Thinking process: Our goal is find the maximum of sum s.t. bago; To achieve this for each rod, we want to decide put in bago 2 put in bag 1 3 not used rod[i]

maximum sum (bag1)!

> prompt us to dofine

dp[i][d]

> if we know dpci-1)[rod(i)],

then we know the answer!