IL I2 I3 --- In 0000----0 either us can put this into the Knapsack or not C tem can only be Put as a whole and not divided The notion of 0/1 essentially ruto fractions. means the following: 0 = item as a volvole is put ento the bag. 1 = item as a volvole is put ento the bag. notion of afraction of an ittem to be put into a In the unbounded trapsack variation of the trapsack problem we could only just put a single instance of an Hem into the Knapsack, in the unbounded Ks problem the number of thems of a particular type that we could put in the KS is a, that is me could pick the same item any number of thes to be put into the ks to maximize the profit. F2 T3 KS contains

multiple items 1 T1, T1, I2, I2,I2of the same type