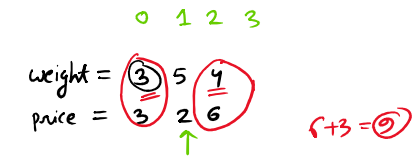
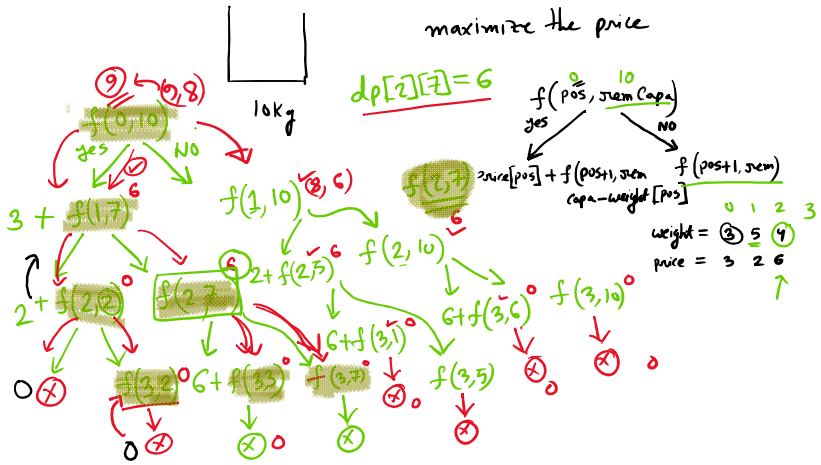
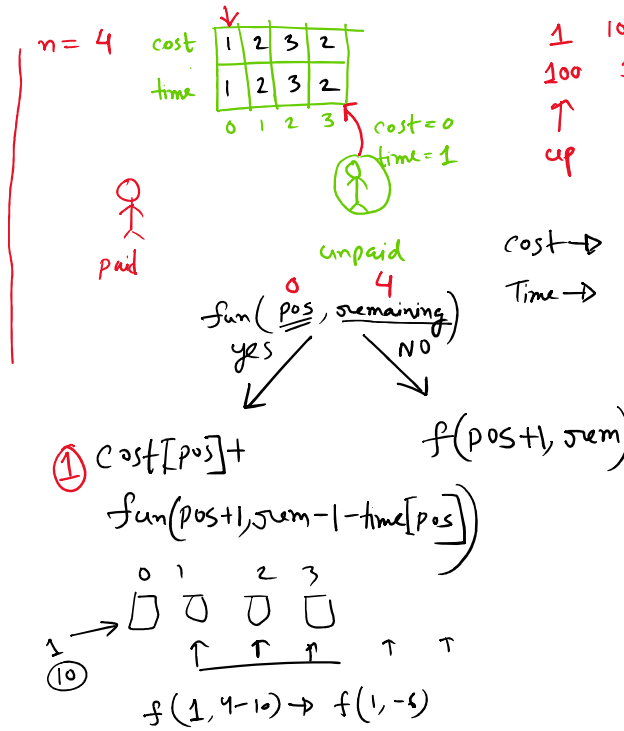
01 KnapsacK

Bag Capacity = 10 Kg







Variant 1: You have N taka and you want to make change with K coins Assuming that number of K coins are infinite. Is it possible to change N taka with the coins?

Variant 2: You have N taka and you want to make change with K coins. Assuming that number of coins are infinite. How many ways it is possible to change N taka with the coins?

Variant 3: You have N taka and you want to make change with K coins. Now, you can take a coin only once. Is it possible to change N taka with the coins?

Variant 4: You have N taka and you want to make change with K coins. Now, you can take a coin only once. How many ways it possible to change N taka with the coins?

Variant 5: You have N taka and you want to make change with K coins. Assuming that number of K coins are infinite. But, any two ways are same if the frequency of the coins are equal. How many ways it is possible to change N taka with the coins?

Variant 6: You have N taka and you want to make change with K coins with value [V1, V2, V3, ..., Vk] with frequency of each coin [F1, F2, F3, ..., Fk]. Assuming that number of K coins are infinite. Is it possible to change N taka with the coins?

100