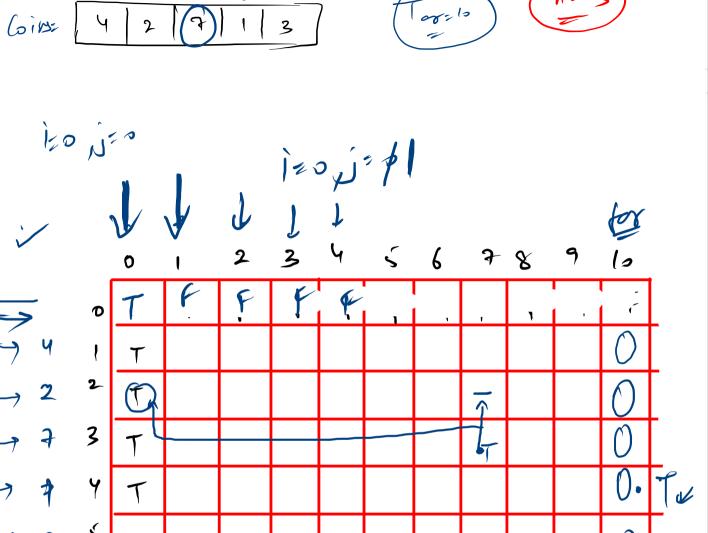
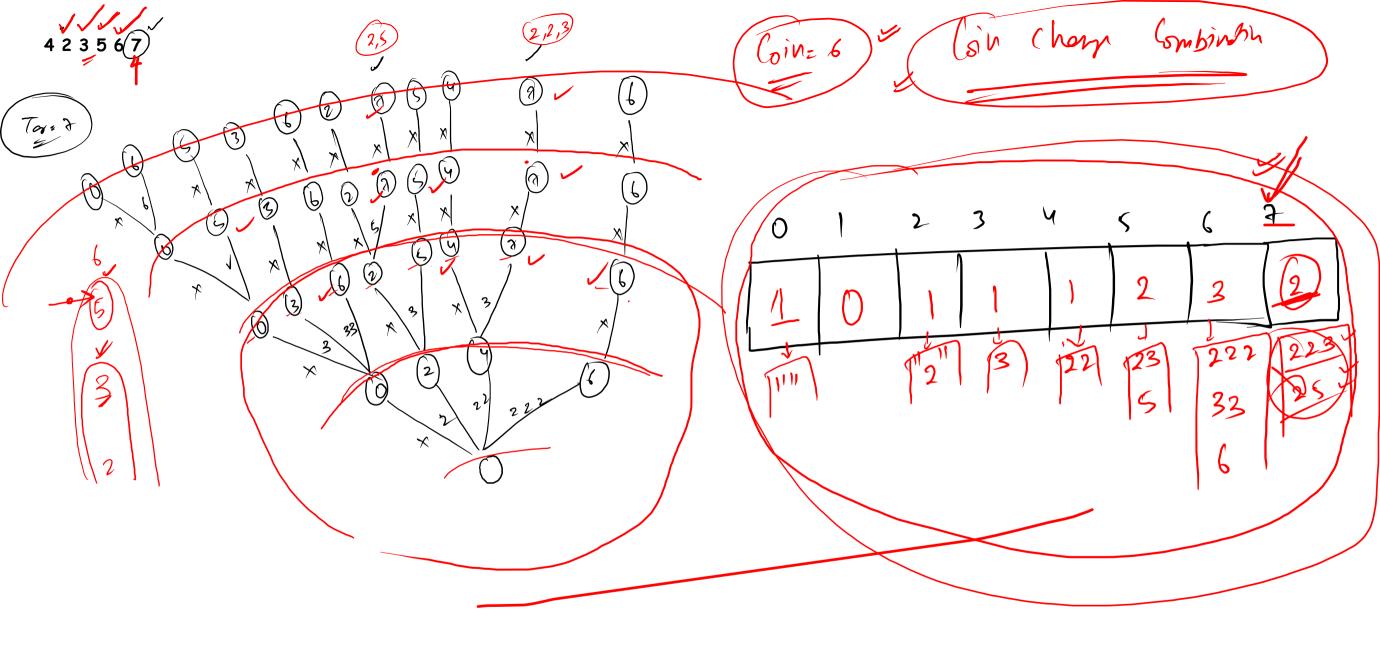


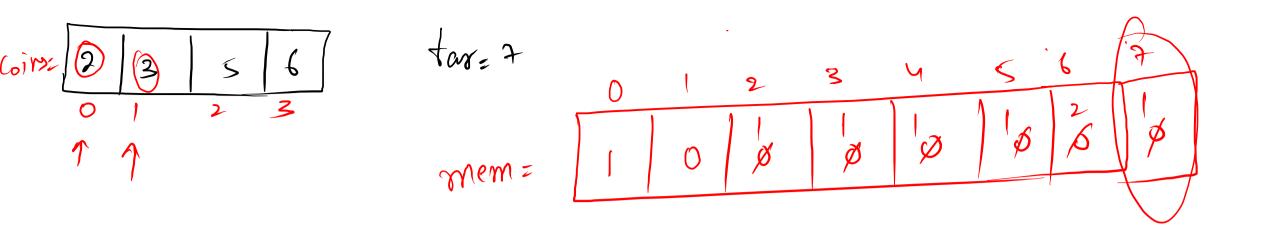
mem [i][j] = mm [i-1] [j-6ia] | mem[i=1][j]

FN



```
public static boolean tarSumSubset(int coins[],int tar){
   int n = coins.length;
   boolean mem[][] = new boolean[n+1][tar+1];
    for(int i = 0; i <= n; i++){
       for(int j = 0; j <= tar; j++){
               mem[i][j] = false;
          }else{
               int coin = (coins[i-1])
               mem[i][j] = mem[i-1][j];
               if(j-coin >= 0){
                   mem[i][j] = mem[i][j] \mid\mid mem[i-1][j-coin];
       if(mem[i][tar]){
            return true;
    return false;
```





```
public static int coinChangeCombination(int coins[],int tar){
   int mem[] = new int[tar+1];
   mem[0] = 1;

   for(int coin : coins){
      for(int j = coin ; j <= tar ; j++){
            mem[j] += mem[j-coin];
      }
   }

   return mem[tar];
}</pre>
```

