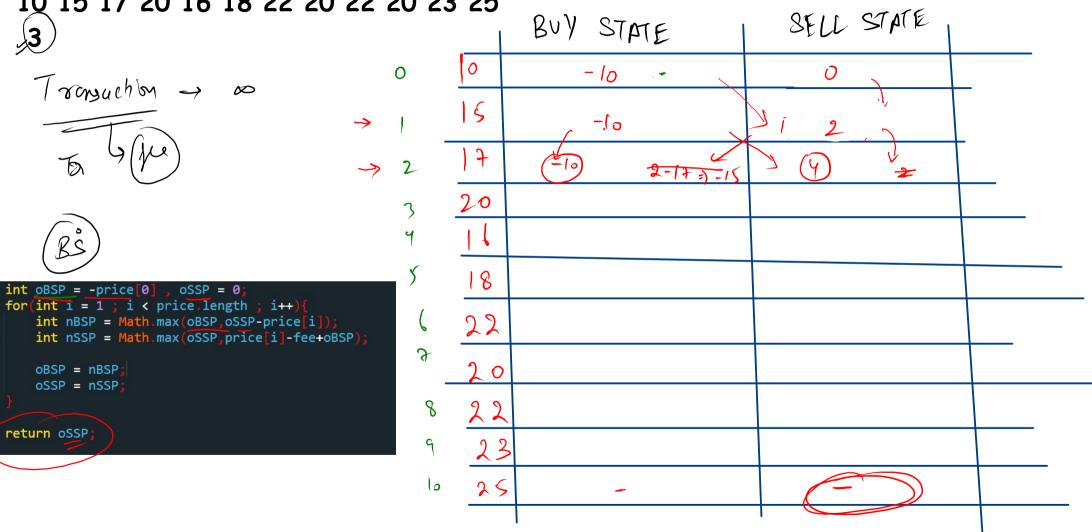
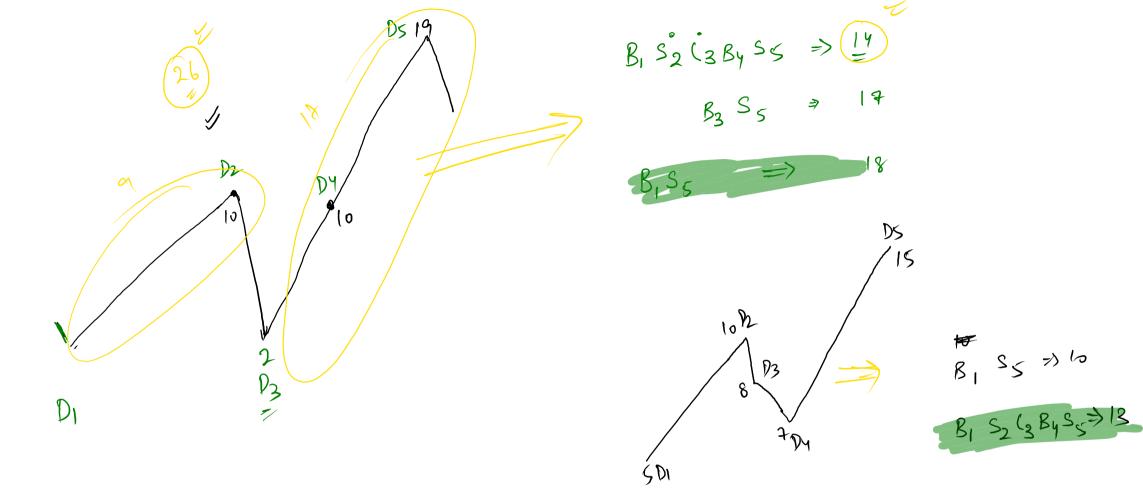
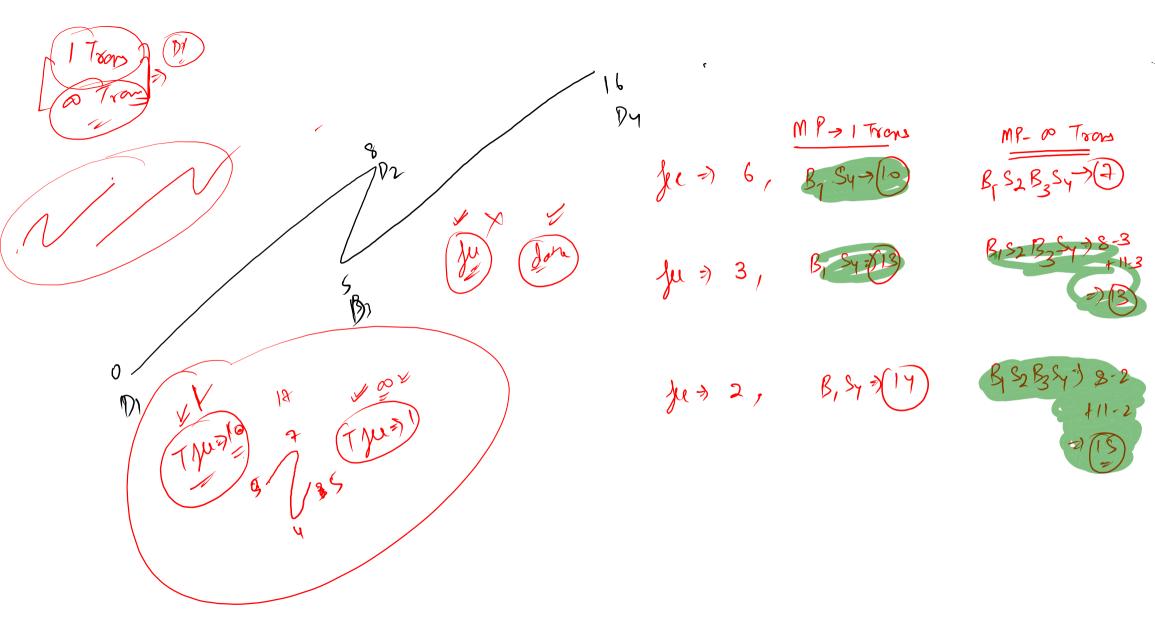
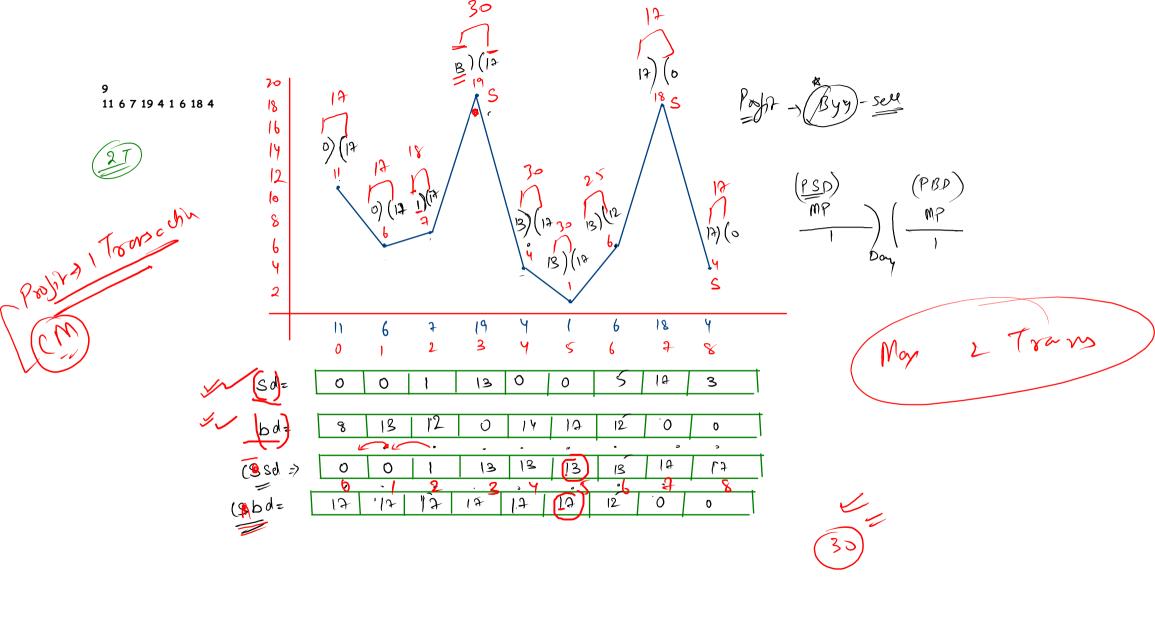


10 15 17 20 16 18 22 20 22 20 23 25









```
N3) 9
```

```
PBD 17 12 12 13 13 13 13 13 14 17
```

```
OMON = $ 17 18 30
```

```
public static int BuyAndSellTwoTransactionAllowed(int price[])
   int pBD[] = profitConsideringBuyingDay(price);
   int pSD[] = profitConsideringSellingDay(price);
   // cumulative maximum
   for(int i = price.length-2 ; i>= 0; i--){
        pBD[i] = Math.max(pBD[i],pBD[i+1]);
   for(int i = 1 ; i < price.length ; i++){
        pSD[i] = Math.max(pSD[i],pSD[i-1]);
   int omax = 0
   for(int i = 0 ; i < price.length ; i++)
        omax = Math.max(omax,pBD[i]+pSD[i]);
   return omax
                                   - int res[] = new int[price.length];
int res[] = new int[price.length];
                                    int bestSell = price[price.length-1];
int bestBuy = price[0];
                                    for(int i = price.length-2; i >= 0; i--){
for(int i = 1 : i < price.length ; i++){</pre>
                                        if(price[i] > bestSell)
   if(price[i] < bestBuy){</pre>
                                           bestSell = price[i];
       bestBuy = price[i];
                                         else
    else
       res[i] = price[i] - bestBuy;
                                           res[i] = bestSell - price[i];
 return res:
                                    return res
```

