

Buy $\rightarrow 1, 800 = 0$, Activity $-(800, 0, 800)$

$$dp[i][k][0] = \max(dp[i+1][k][0], dp[i+1][k][1] + price[i])$$

$$dp[i][k][1] = \max(dp[i-1][k][1], dp[i-1][k][0] - price[i])$$

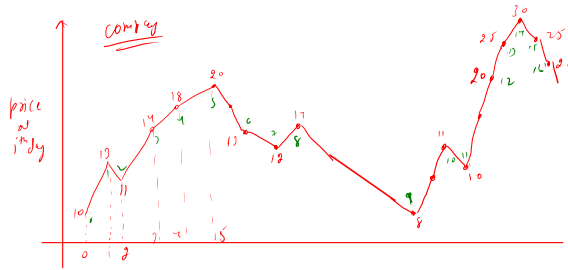
$$\begin{array}{l|l} dp[-1][k][0] = 0 & dp[-1][k][i] = -\infty \\ dp[i][0][0] = 0 & dp[i][0][1] = -\infty \end{array}$$

$$\delta p(i)[j][0] = \max(\delta p(i)[j][0], \delta p(i)[j][2][1] + \text{pic}(i))$$

$$\delta r(i)[j][o] = \max(\delta r[i+1][j][o], \delta r[i+1][j][o-1] + \text{price}[i])$$

$$dp[i][j][0] = \max(dp[i-1][j][0], dp[i-1][j+1] + \text{price}[i]) \quad 0 = \text{price}[i]$$

$$dp(i)[j][0] = \max(dp(i+1)[j][0], 0 - \text{price}[i])$$



$$10, -8+10 = \textcircled{2}$$

$$10, -8 + 20 = 12$$

$$|2, -8 + 25 = 12$$

[illegible]

$$dp[i][0] = \max(dp[i+1][0], dp[i+1][1] + price[i])$$

$$dp(i, 0) = \max(dp(i-1, 0), 0) \quad \text{--- } price(i)$$