Buy and Sell Stock - II

prieus: { 3 3 5 0 0 3 1 4 }

We can do maxim
2 transcation

It is a externin of buy and sell stock - II

· We are bound to have 2 transcanon.

f(i, buy, cap)

Sf(iz n) rehmo;

(f(cap = 2 0) rehumo;

 $P_{f}(buy_{b})$ return $\max \left\{ -P_{r}(c) + f(i+1,0,cop) + 0 + f(i+1,1,cop) \right\}$

else fpriu [i] + f(i+1,1, cap-1), 0+ f(i+1,0, cap);

Base Care for Tabulation! Cep > 20 for every i, buy for (i.o., i/a; i++)
for (by 20 -> 1) dp[1][by][6] 20; $\begin{cases}
for (by 0 \rightarrow 1) \\
for (cy) 3 0 \rightarrow 2)
\end{cases}$ alp[n][buy][cogs] 20, A Vanation n Solution: f[ind, & To ame cation] Effern I Tray 24) returno; PH 18 (2220) // 6mg els (III)

B B S 2 3

