Dry Run of Stock Profit with Transaction Fee

Dry run for input: prices = {1, 3, 2, 8, 4, 9}, fee = 2

Variables:

- hold: Maximum profit if we are holding a stock at the end of the day

- cash: Maximum profit if we are not holding any stock at the end of the day

Initial state:

hold = -1 (bought at price[0])

cash = 0

Day	Price	Action	Hold	Cash
0	1	Buy	-1	0
1	3	Nothing	-1	0
2	2	Nothing	-1	0
3	8	Sell	-1	5
4	4	Buy again	1	5
5	9	Sell again	1	8

Final Maximum Profit: 8