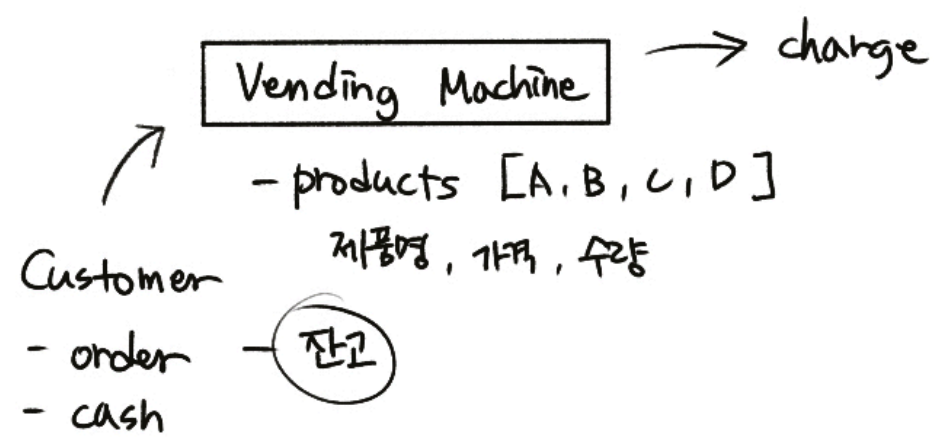
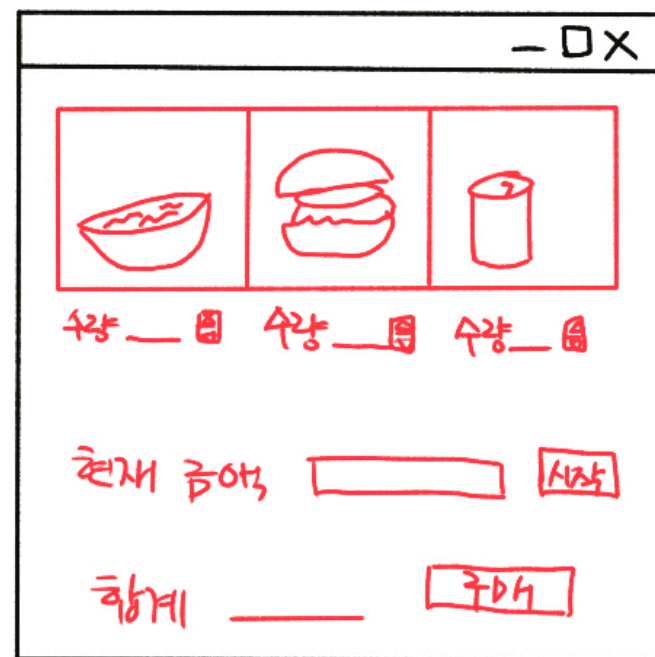


# # Greedy Algorithm

ex 1. 동전 거스름 돈



Swing



CASE 1

$$\text{Coin} = \{500, 100, 50, 10\}$$

$$\text{change} = 760$$

$$500 \times 1 + 100 \times 2 + 50 \times 1 + 10 \times 1$$

⇒ 5개의 동전

CASE 2

$$\text{Coin} = \{500, 160, 100, 50, 10\}$$

$$\text{change} = 200$$

$$160 \times 1 + 10 \times 4$$

⇒ 5개의 동전

실제 최소 동전의 수  $100 \times 2 \Rightarrow 2개$