

2017 05 17 이동재

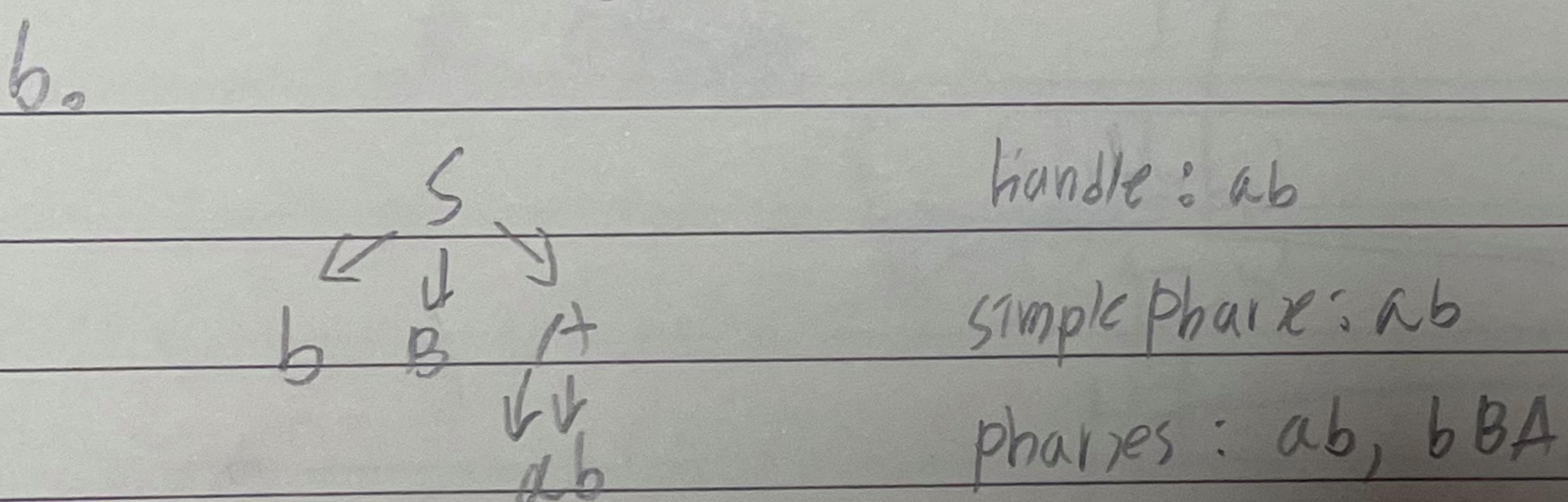
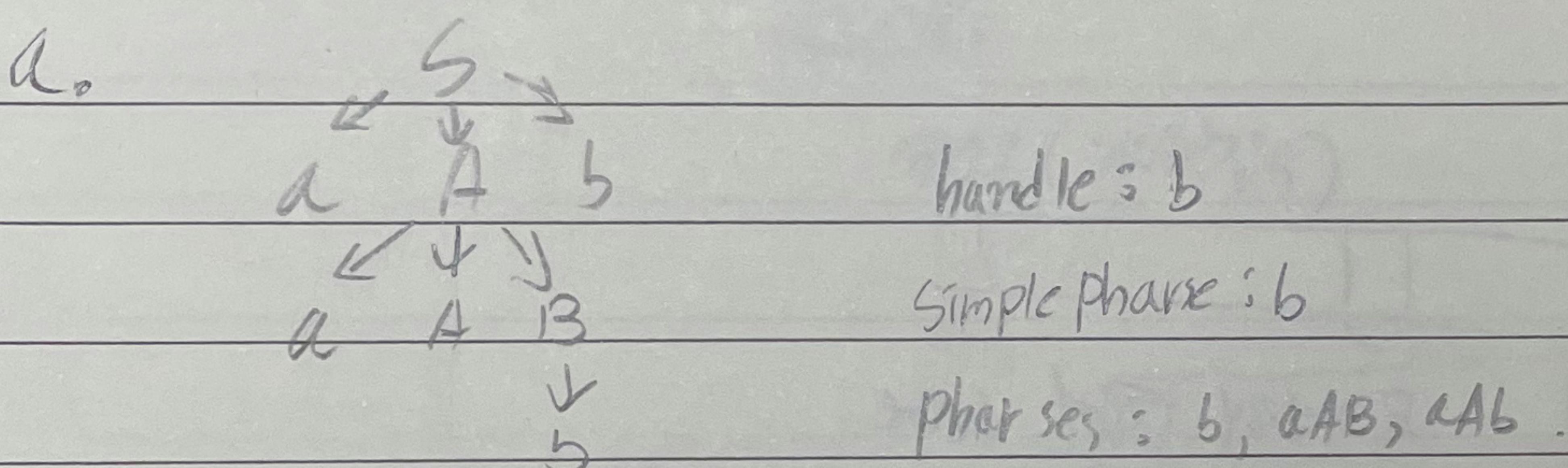
4-1

- a. $\text{FIRST}(aB) = \{a\}$, $\text{FIRST}(b) = \{b\}$, $\text{First}(cBB) = \{c\}$ \therefore 통과
- b. $\text{FIRST}(ab) = \{a\}$, $\text{FIRST}(bA) = \{b\}$, $\text{FIRST}(aBb) = \{a\}$ \therefore 실패
- c. $\text{FIRST}(aaA) = \{a\}$, $\text{FIRST}(b) = \{b\}$, $\text{FIRST}(caB) = \{c\}$ \therefore 통과

4-2

- a. $\text{FIRST}(ab) = \{a\}$, $\text{FIRST}(bAA) = \{b\}$ \therefore 통과
- b. $\text{FIRST}(b\{aB\}) = \{b\}$, $\text{FIRST}(a) = \{a\}$ \therefore 통과
- c. $\text{FIRST}(aB) = \{a\}$, $\text{FIRST}(a) = \{a\}$ \therefore 실패

4-5



c.
불가능

7.	Stack	Input	Action
	0	id * (id+id) \$	shift 5
	0 id 5	* (id+id) \$	reduce 6 (use GoTo[0,F])
	0 F 3	* (id+id) \$	reduce 4 (use GoTo[0,+])
	0 T 2	* (id+id) \$	shift 7
	0 T 2 * 7	(id+id) \$	shift 4
	0 T 2 * 7 (4	id+id) \$	shift 5
	0 T 2 * n (4 id 5	+id) \$	reduce 6 (use GoTo[4,F])
	0 T 2 * n (4 F 3	+id) \$	reduce 4 (use GoTo[4,+])
	0 T 2 * n (4 T 2	+id) \$	reduce 2 (use GoTo[4,E])
	0 T 2 * n (4 E 8	+id) \$	shift 6
	0 T 2 * n (4 E 8 + 6	+id) \$	shift 5
	0 T 2 * n (4 E 8 + 6 id 5) \$	reduce 6 (use GoTo[6,F])
	0 T 2 * n (4 E 8 + 6 F 3) \$	reduce 4 (use GoTo[6,+])
	0 T 2 * n (4 E 8 + 6 T 9) \$	reduce 1 (use GoTo[4,E])
	0 T 2 * n (4 E 8) \$	shift 11
	0 T 2 * n (4 E 8) 11	\$	reduce 5 (use GoTo[n,F])
	0 T 2 * n F 10	\$	reduce 3 (use GoTo[0,T])
	0 T 2	\$	reduce 2 (use GoTo[0,E])
	0 E 1	\$	accept