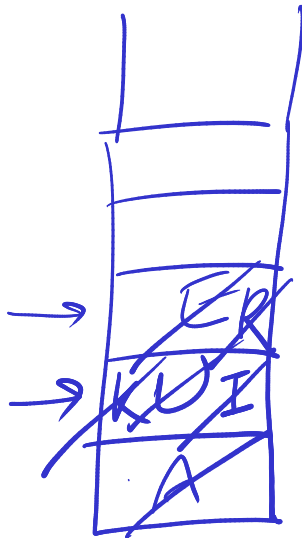


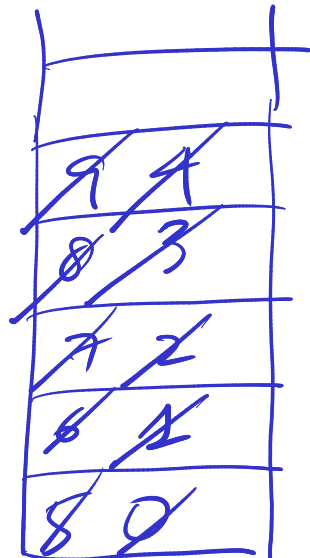
Ex#2 Ā Ū Ē * * Ī Ŗ * * Ķ * *



EURIKA

Ex#3

4 3 2 1 0 9 8 7 6 5



4 ✓ 6 ✓ 8 ✓ 7 ✓ 5 ✓ 3 ✓ 2 ✓ 9 ✓ 0 ✓ 1

8
6 7
4 5
3
2 9
①
0

NOT POSSIBLE

Ex 4.4

$$4 + (6 * 2) - 15$$

Input	Stack	Output
→ 4	\emptyset	4
→ +	+	4
→ (+(4
→ 6	+(4 6
→ *	+(*	4 6
→ 2	+(*	4 6 2
→)	\oplus	4 6 2 *
→ -	-	4 6 2 * +
→ 15	-	4 6 2 * + 15
→ \emptyset	\emptyset	4 6 2 * + 15 -

Ex#5

4 6 2 * + 15 -

Input	Stack
→ 4	4
→ 6	4 6
→ 2	4 6 2
→ *	4 12
→ +	16
15	16 15
-	1

$$\begin{array}{r} 4 + 12 \checkmark \\ \hline 12 + 4 \\ \hline 16 - 15 \end{array}$$

Ex #4 (b) $4 * (4 + 10 / 2.5 - 8)$

Input	Stack	Output
→ 4	ϕ	4
→ *	*	4
→ (*(4
→ 4	*(4 4
→ +	*(+	4 4
→ 10	*(+	4 4 10
→ /	*(+/	4 4 10
→ 2.5	*(+/	4 4 10 2.5
→ -	*(-	4 4 10 2.5 / +
→ 8	*(-	4 4 10 2.5 / + 8
→)	<u>*</u>	4 4 10 2.5 / + 8 -
ϕ	ϕ	4 4 10 2.5 / + 8 - *

Input

→ 4
→ 4
→ 10
→ 2.5
→ /
→ +
→ 8
→ -
→ *

Stack

4
4 4
4 4 10
4 4 10 2.5
4 4 4
4 8
4 8 8
4 0
0

