

Execution of ADD by: `--ESP;`  
`EXPRSTACK[ESP-1] += EXPRSTACK[ESP];`

s t k o f f r f a s m e t	CURRENTLY EXECUTING METHOD ACTIVATION'S STACKFRAME (Part of Data memory)
⋮	_____
-1	_____
0	_____
+1	_____
+2	_____
+3	_____
⋮	_____



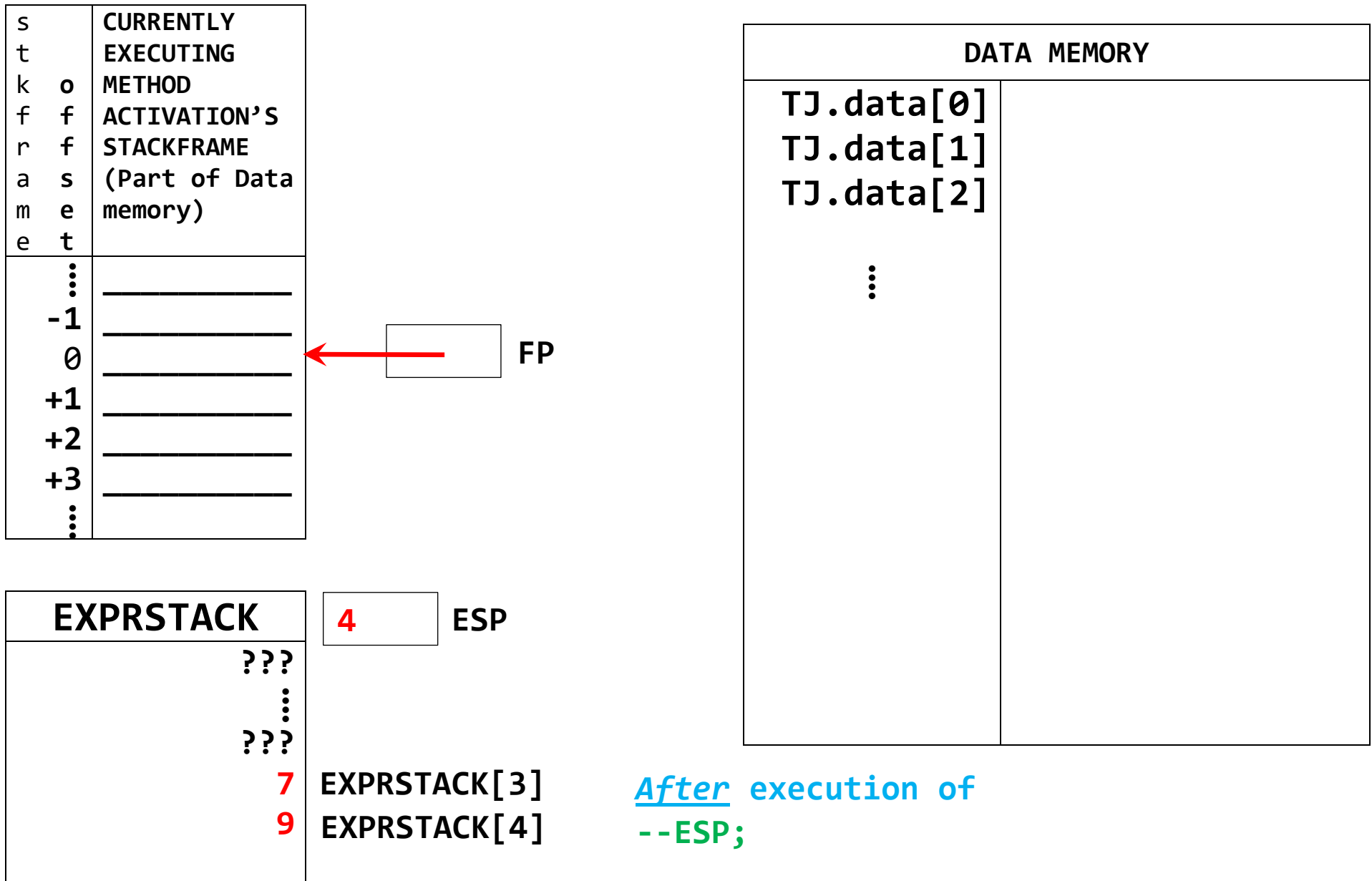
DATA MEMORY	
TJ.data[0]	
TJ.data[1]	
TJ.data[2]	
⋮	

EXPRSTACK	
???	
⋮	
???	
7	EXPRSTACK[3]
9	EXPRSTACK[4]

5 ESP

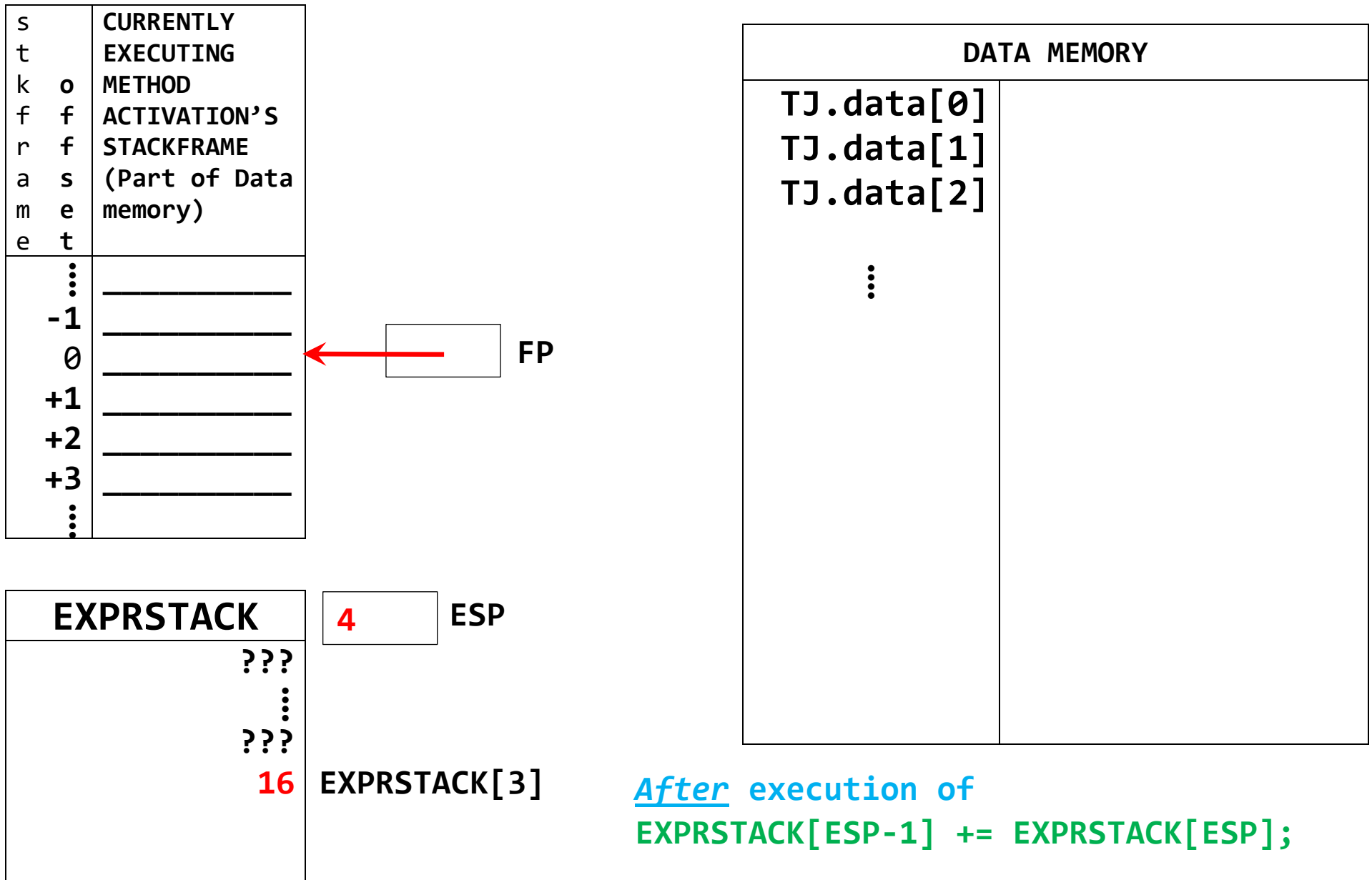
Before execution of  
`--ESP;`

Execution of ADD by: `--ESP;`  
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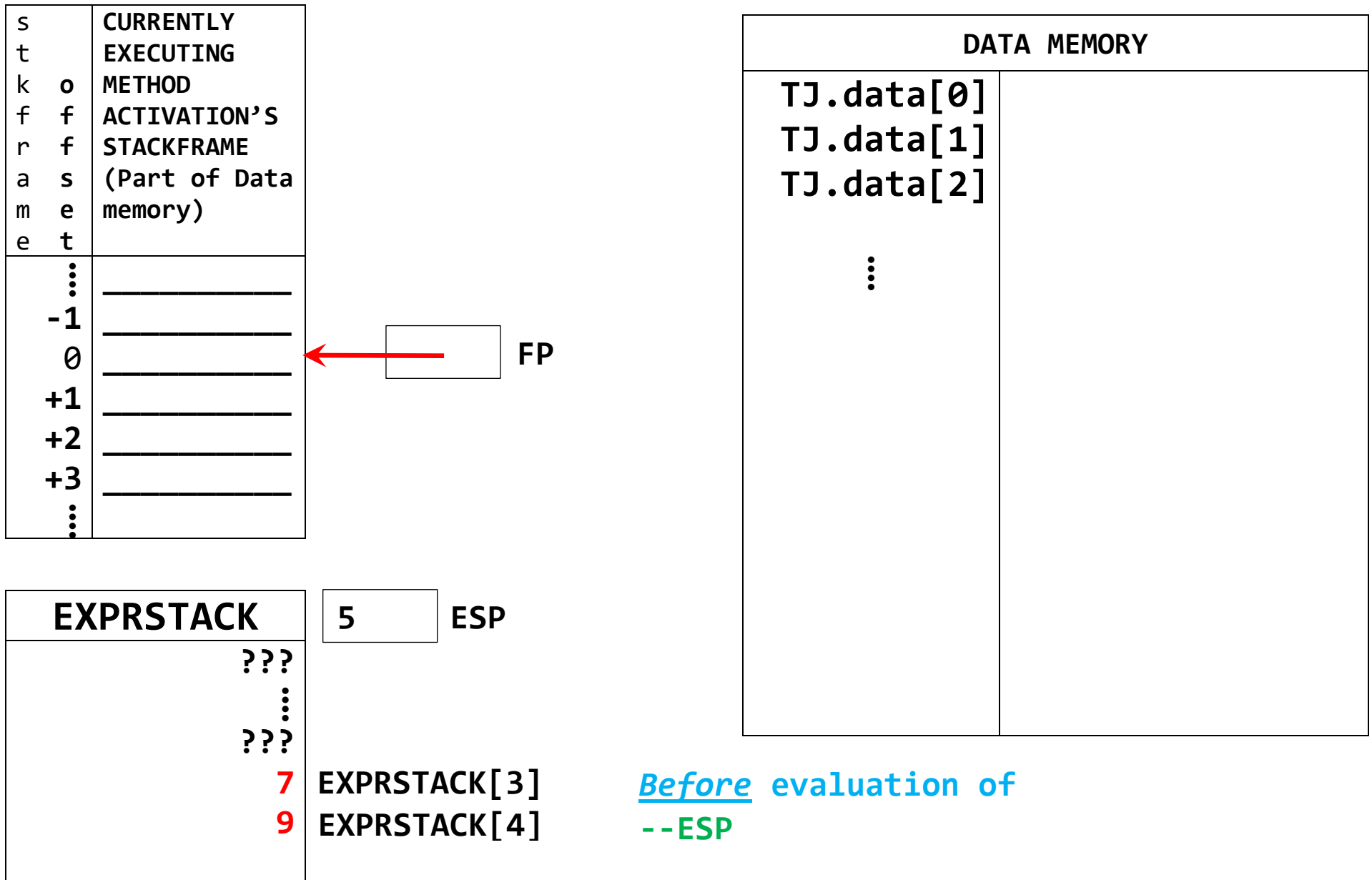
After execution of  
`--ESP;`

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 $EXPRSTACK[ESP-1] += EXPRSTACK[ESP];$



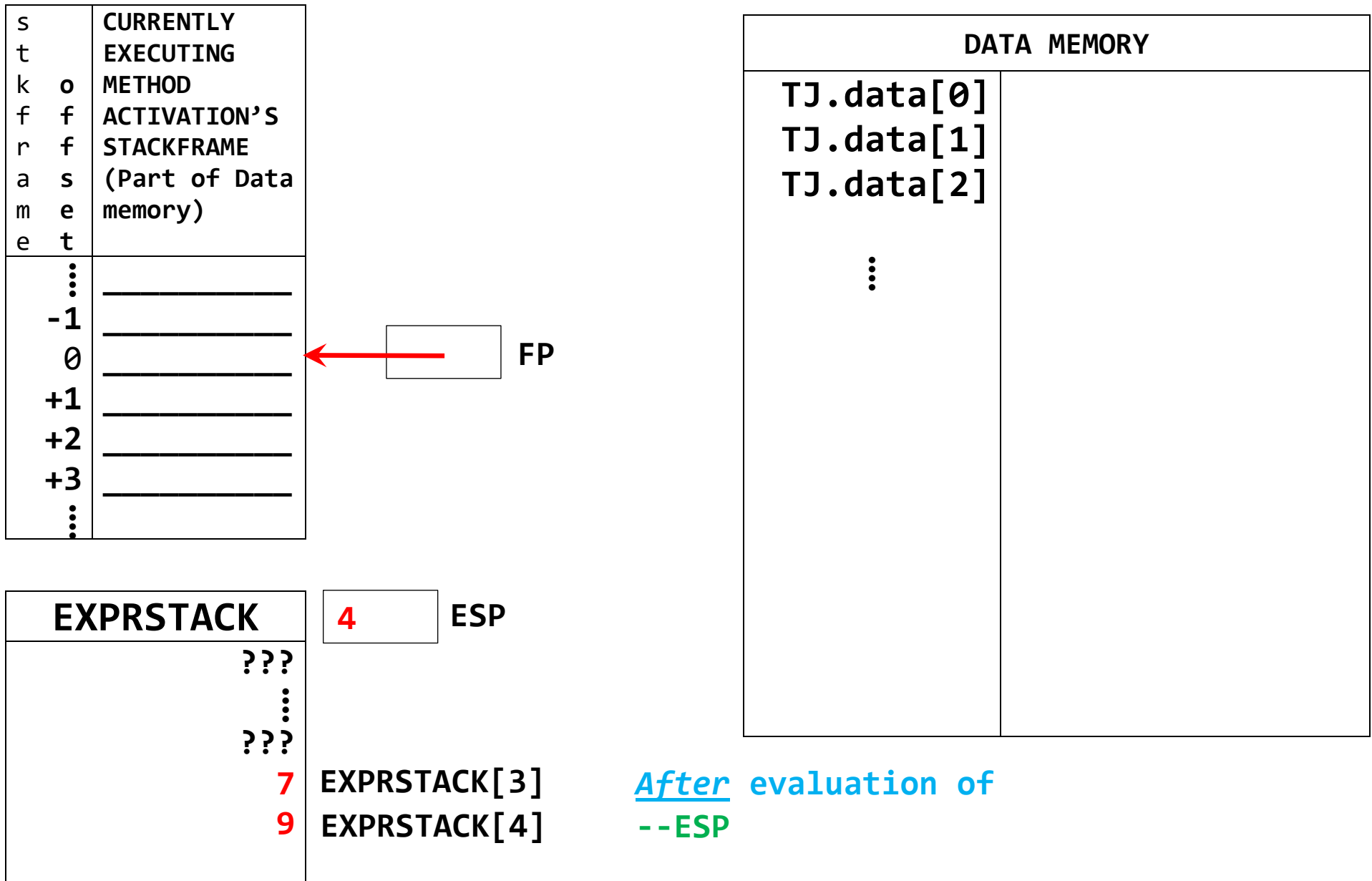
Execution of LE by:

$\text{EXPRSTACK}[\text{--ESP}-1] = (\text{EXPRSTACK}[\text{ESP}-1] \leq \text{EXPRSTACK}[\text{ESP}]) ? 1 : 0;$



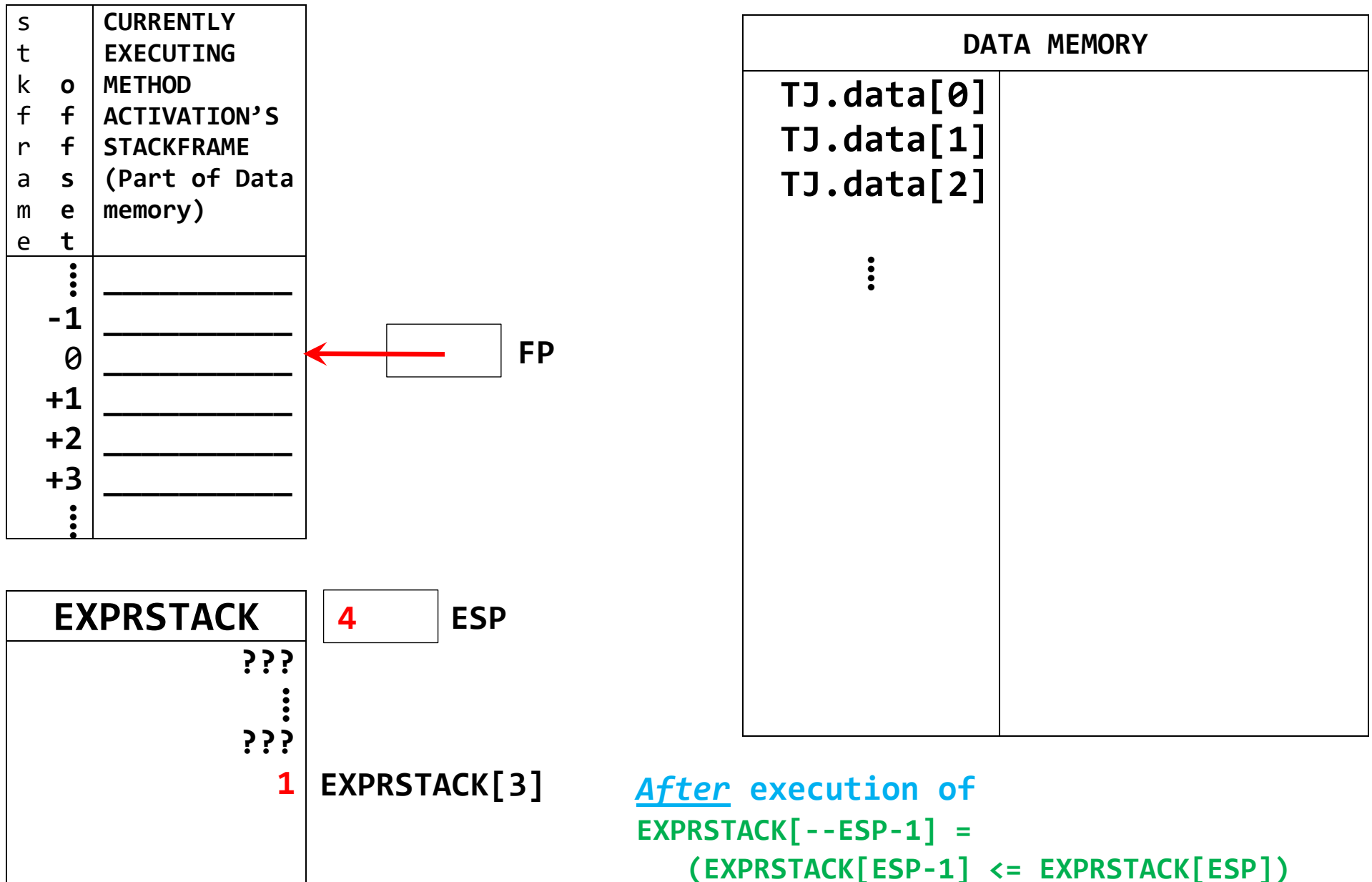
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$\text{EXPRSTACK}[\text{--ESP}-1] = (\text{EXPRSTACK}[\text{ESP}-1] \leq \text{EXPRSTACK}[\text{ESP}]) ? 1 : 0;$



After execution of  
 $\text{EXPRSTACK}[\text{--ESP}-1] =$   
 $(\text{EXPRSTACK}[\text{ESP}-1] \leq \text{EXPRSTACK}[\text{ESP}])$   
 $? 1 : 0;$