Stack Space Complexity

If Stack runs for `n` times , each times space consumes
1 unit and hence it will add : $1\ unit + 1\ unit + \cdots +$
$n\ times = n\ unit\ of\ Space\ in\ memory.$

nth Element get Pushed	$\rightarrow 1\ Unit$
.	
.	
4rth Element get Pushed	$\rightarrow 1\ Unit$
3rd Element get Pushed	$\rightarrow 1\ Unit$
2nd Element get Pushed	$\rightarrow 1\ Unit$
1st Element get Pushed	$\rightarrow 1\ Unit$

Hence Space complexity $(for\ n\ push\ operation): O(n).$

-----------------------------********************--------------------