





$$\frac{\text{Push}}{\text{Push}} \longrightarrow \frac{\text{Static array}}{\text{Static array}}$$

$$O(1) \leftarrow \frac{\text{Push}(arr,data)}{\text{If top}} :$$
if top = =  $\pi$ :

constant time operation

top = = n:

Stack Overflow

else:

$$top = top + 1$$
  
 $aw(top) = data$ 

