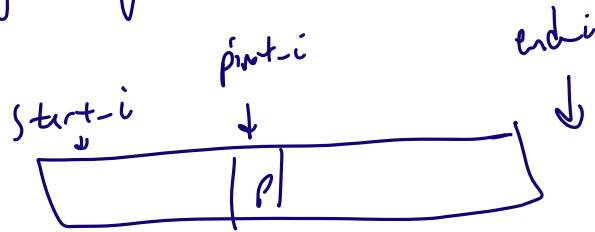


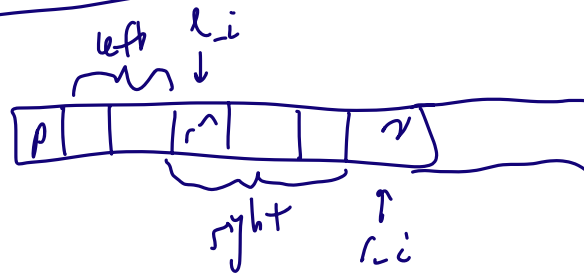
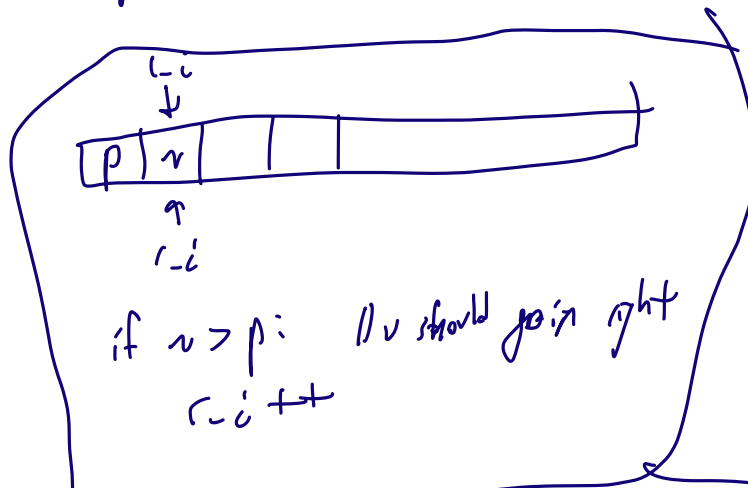
Steps of Partition

0. beginning of algorithm

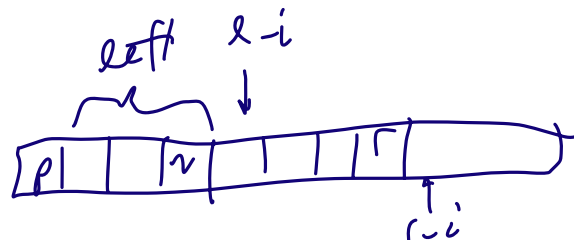


1. put pivot at beginning

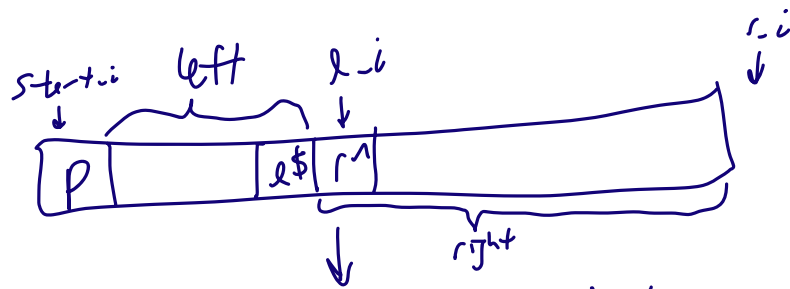
2. incorporate v into left or right



if $v < p$: // v should be left
swap $r^$ and v ($r^$ is first element of right)
 $l-i++$
 $r-i++$



}. move first between l and r



Swap p ($l + (start + i)$) with $l$$ ($l + (l - i - 1)$)

↓

