Step	**Annotated Algorithm:**
1a	$\{\quad\}$
4	**Partition** **where**
2	$\{\quad\}$
3	**while** **do**
2,3	$\{(\quad) \wedge (\quad)\}$
5a	**Repartition** **where**
6	$\{\quad\}$
8	
5b	**Continue with**
7	$\{\quad\}$
2	$\{\quad\}$
	endwhile
2,3	$\{(\quad) \wedge \neg(\quad)\}$
1b	$\{\quad\}$