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Conjunto			
$C = \{a_n, b_n\} \vee C = \{\emptyset\}$			
$Inv = a \in C \wedge b \in C \rightarrow a \neq b$			
OPERACIÓN	ENTRADA	SALIDA	TIPO
createSet		Set	Builder
addElement	Set, Element	Set	Modifier
deleteElement	Set, Element	Set	Modifier
showElement	Set	Element	Analyzer
union	Set, Set	Set	Modifier
intersection	Set, Set	Set	Modifier
difference	Set, Set	Set	Modifier

createdSet	
created the set with the empty data	
PRE	POST
true	$C = \{\emptyset\}$

addElement	
Insert an element in the set	
PRE	POST
$C \neq \text{null}$	$C = \{a_n\}$

showElement	
Show an element to belongs to the set	
PRE	POST

showElement	
$C=[a] \wedge C \neq \text{null}$	element

union	
joins two sets by modifying one set with the union of the data from the other set without repeating them	
PRE	POST
$C=\{a\} \wedge C \neq \text{null} \wedge C2=\{b\} \wedge C2 \neq \text{null}$	$C=\{a,b\}$

intersection	
receives two sets and modifies one by inserting the common elements between the two sets without repeating them.	
PRE	POST
$C=\{a,b,d\} \wedge C \neq \text{null} \wedge C2=\{a,b,c\} \wedge C2 \neq \text{null}$	$C=\{a,b\}$

difference	
receives two sets and modifies one with the elements found in set (C) and not in the other set	
PRE	POST
$C=\{a,b,d,c\} \wedge C \neq \text{null} \wedge C2=\{a,b,f\} \wedge C2 \neq \text{null}$	$C=\{d,c\}$