Formula									Variables	
precondition			statement			postcondition			LOCAL boolean result	
{\original_pre}			statement			{\original_post}			RETURN boolean ret	
				/					PARAM Person p	
Composition								~]	RIVATE int maximumWeight	
precondition					postcondition				Global Conditions	
{\original_pre}						{\original_post}			Person p non-null	
statement 1			intermediate condition			n statement 2				
			{result = FALSE						this.persons.elements != null	
statement1			& this.old_contains this.persons.contains(statement2			this.weight >= 0	
Statement1	7						\searrow			
precondition	statement postcondition			ition	Composition				~	
	result = false; this.old_contains = this.persons.contains(p);					precondition			postcondition	
{\original_pre}			{result = FALSE & this.old_contains = (p this.persons.contains(p)}			{result = FALSE & this.old_contains =			{\original_post}	
						his.persons.contai atement 1	intermediate condit		statement 2	
SelectionStatement1						atement1 {\original_post}			statement2	
9	SelectionStater	nent IFF	FI	Š	Retur	nStatement	1			
guards					K.					
this.old_contains = TRUE		this.old_contains = FALSE			pr	econdition	ReturnStatement result;		postcondition	
				ALSE	{\0	riginal_post}			{\original_post}	
					Statement2					
<pre>precondition {modifiable(\nothing);(result = \{modifiable(\nothing);(result = \)}</pre>								→		
FALSE		FALSE		Court =		econdition			postcondition	
& this.old_contains =		& this.old_contains =				{modifiable(\nothing); (result = FALSE this.original(p);				
this.persons.contains(p)) & (this.old contains = TRUE)}		this.persons.contains(p) (this.old contains = FAL						this.weight	weight - {\original_post}	
stateme				ALSE)}		cons.contains(p))	p.getWeight();			
					& (this	.old_contains = TRUE)}	result = true;			
statement		statement		SkipS	tatement1					
					>		Sk	tip	~	
postcondition					precondition			postcondition		
{\original_post}				thi	modifiable(\nothing);(result = FALSE & this.old_contains = this.persons.contains(p)) & (this.old_contains = FALSE)}			{\original_post}		