Formula								Variables PRIVATE int weight
precondition			state	statement		postcondition		LOCAL int result
{this.currentHeading >= 0 & this.currentHeading <= 1}			statement		{reversed(this.currentHeading, \result)}		RETURN int ret PRIVATE int old_weight PRIVATE boolean old_contains PRIVATE boolean blocked PRIVATE ArrayList persons	
			,				PRIVATE Environment env	
Composition								PRIVATE int doors PRIVATE int currentFloorID PRIVATE int currentHeading PRIVATE boolean verbose
precondition				postcondition			PUBLIC boolean[] floorButto	
{this.currentHeading >= 0 & this.currentHeading <= 1}				{reversed(this.currentHeading, \result)}				PRIVATE int old_currentFloor Global Conditions
statement 1			intermediate condition		statement 2			
statement1			{result = this.o	{result = this.currentHeading}		statement2		this.currentHeading >= 0 this.currentHeading <= 1
Statement1 \							, (
precondition	stater	ment	postcondition	Composition				<
{this.currentHeadin			for mult	precondition			postcondition	
g >= 0 & result = this.currentHeading; <= 1}		{result = his.currentHeading }	{result = this.currentHe				his.currentHeading, \result)}	
				statement 1		intermediate condition		statement 2
SelectionStatement1				statement1		{reversed(this.currentHeading, result)}		statement2
SelectionStatement IFFI				ReturnStatement1				
guards				Retainistatementi				
this.currentHeading = 0 this.curr		this curr	rantillanding 1	precondition		ReturnStatement		postcondition
		rentHeading = 1	{reversed(this.currentHeading, result)}		result;		{reversed(this.currentHeading, \result)}	
(<u> </u>		I - A I -	Statement?				
{modifiable(\nothing);(resulting);(resulting) & = this.currentHeading) & (this.currentHeading = 0)}			le(\nothing);(result urrentHeading) &	Statement3				
			entHeading = 1)}	precondition		statement		postcondition
statements			{modifiable(\nothing)					{reversed(this.currentHeading,
statement			\$	this.currentHeading) & result = 0; (this.currentHeading = 1)}		L = U;	result)}	
			statement 1	Statement2				
postcondition				precondition statement			mantana diti au	
{reversed(this.currentHeading, result)}				modifiable(\nothing) this.currentHeadin);(result = ng) &	g(result = g) & result = 1;		reversed(this.currentHeading, result)}