	Paganain Ag
	10 gram ( Orrectne (1 21/481767/7K/53176
	Wednesday, 13 October 2021 18.41 hal 398 m 1 2 4
	Prone the program statement
	u;=1 ) 0
	y:= 1 Z:= x+y- } }
	is correct with respect to the initial
	a ssertion x = 0 and the final assertion
	2 = 1
*	Prove: The innitral aurtion of the program is x = 6.
	First the program will assign y=1. Because
	Z = x+y and $x=0$ ; $y=1$ ; so:
	Z = 0+ \ = 1
	The final axertion is Z = 1; thus the program is
	true and statisfied. So, y { S} z is true
171	
	Verify that the program segment
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	if x < y then
	else
	min := y
	is correct with respect to the initial assertion T and the final
	assertion $(X \subseteq y \land min = x) \lor (X \supset y \land mm = y)$

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				<b>x</b>	≤ y	. ,	\ 1	Nin	= *	ξ.	ĩs	true	o	ınd											
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