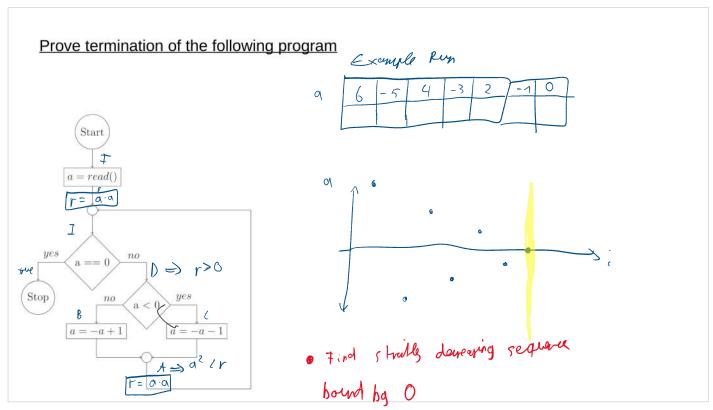


closer_to_z



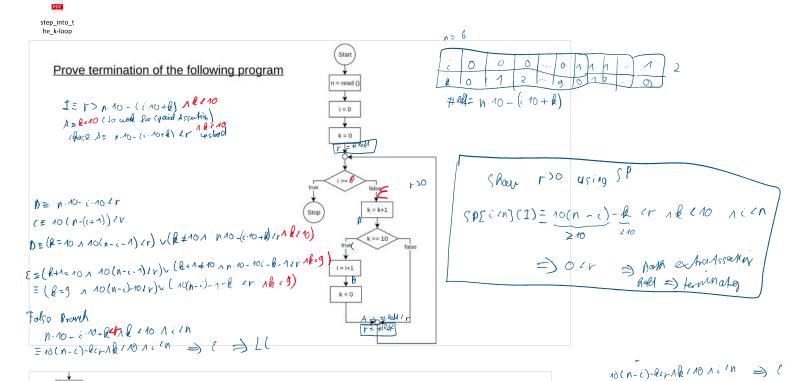
r= |a| works but no | . | operator in Mini 3 ava $t \ge r = \alpha^2$ =) r=aa also works A= true (dos M waf) = chose something stronger e.g a?2r. B = (-a+1)2/r (= (-a-1)? (r D= (a(0 1 (-a-1)2/r) \((a > 0 1 (-a+1)2/r) $= (a/0) \wedge a^2 + 2\alpha + 1/r) \cup (a \ge 0) \wedge a^2 - 2\alpha + 1/r$ $= (a/0) \wedge a^2 - 2|a| + 1/r) \cup (a \ge 0) \wedge a^2 - 2|a| + 1/r$ = (a10 \ a \ 20) 1 (|a|-1)2/r r> (101-1) > 0 => r>0 special Assortion holds (1a1-1)21r Squer one always 20 1 (- Old r= a2 1 070 => (101-1)2 1 r

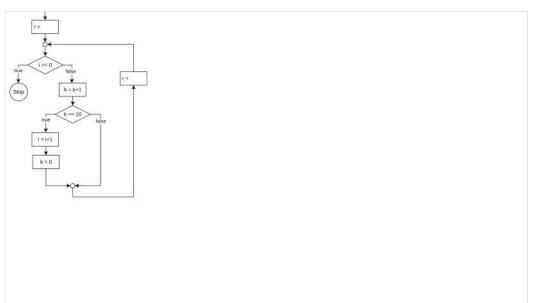
 $(|a|-1)^{2} \cdot |a|^{2} \cdot |a| \neq 0$ $(|a|-1)^{2} \cdot |a|^{2} \cdot |a|^{2} \cdot |a| \neq 0$ $(|a|-1)^{2} \cdot |a|^{2} \cdot |a|^{2} \cdot |a| \neq 0$ $(|a|-1)^{2} \cdot |a|^{2} \cdot$

€ = true

= > Valid Proof

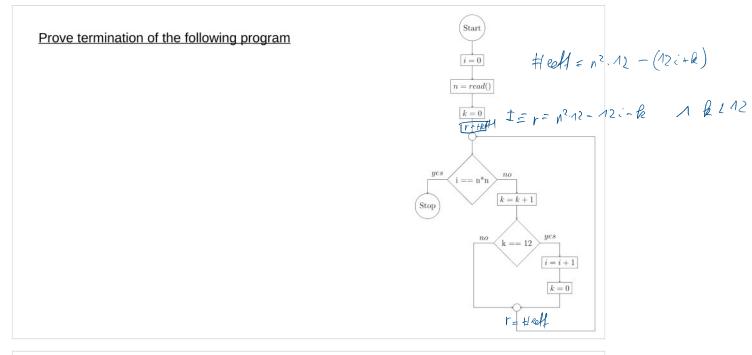


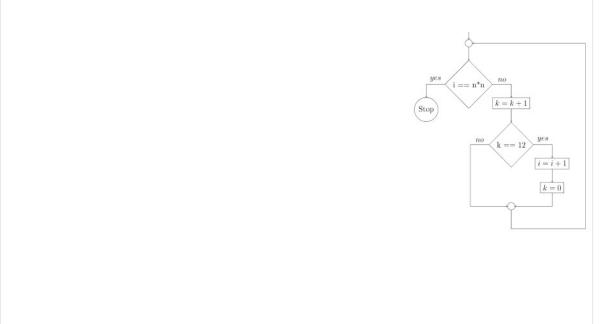




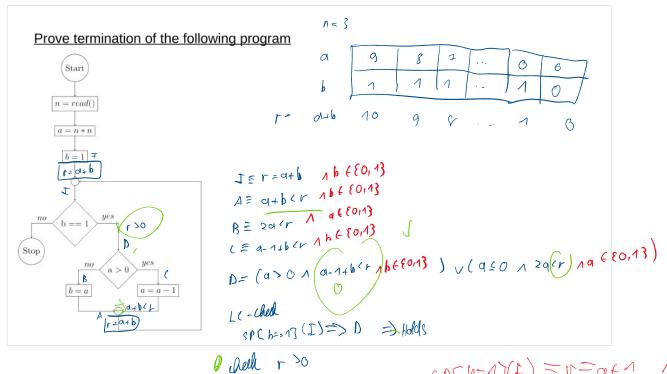












D=>1001

 $a + b + r \Rightarrow a + b + r$

SPED=AJCE) = v=aEA 1BE69B



