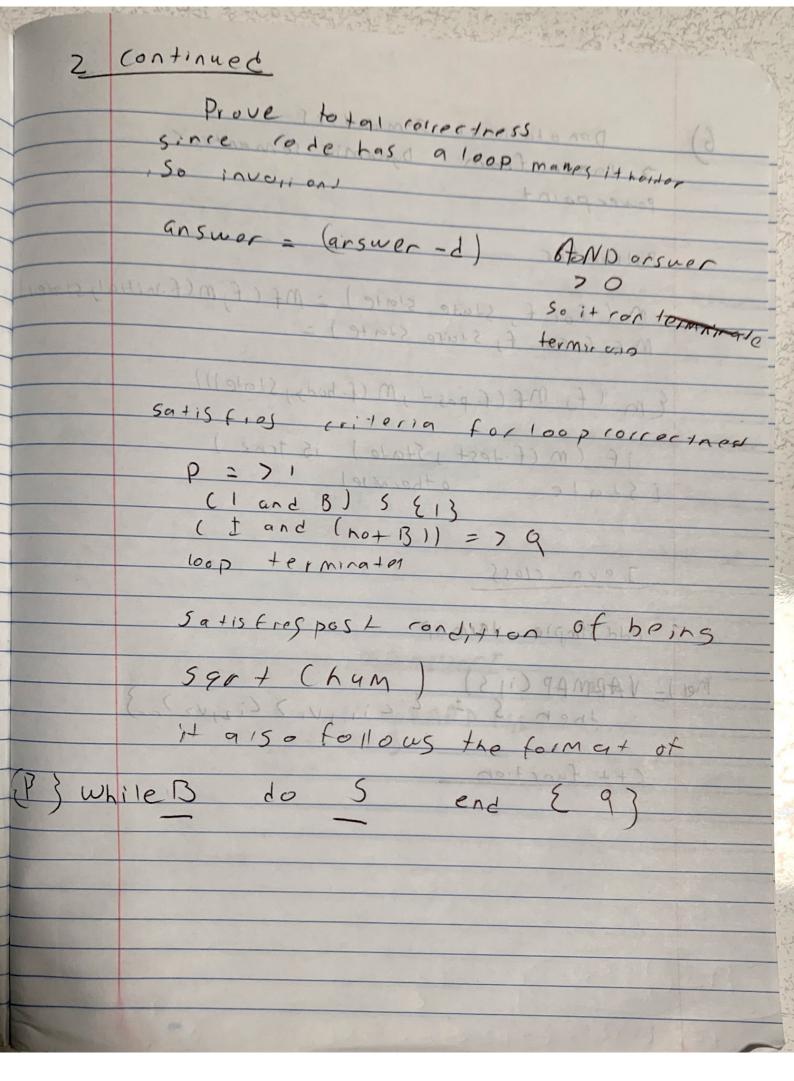
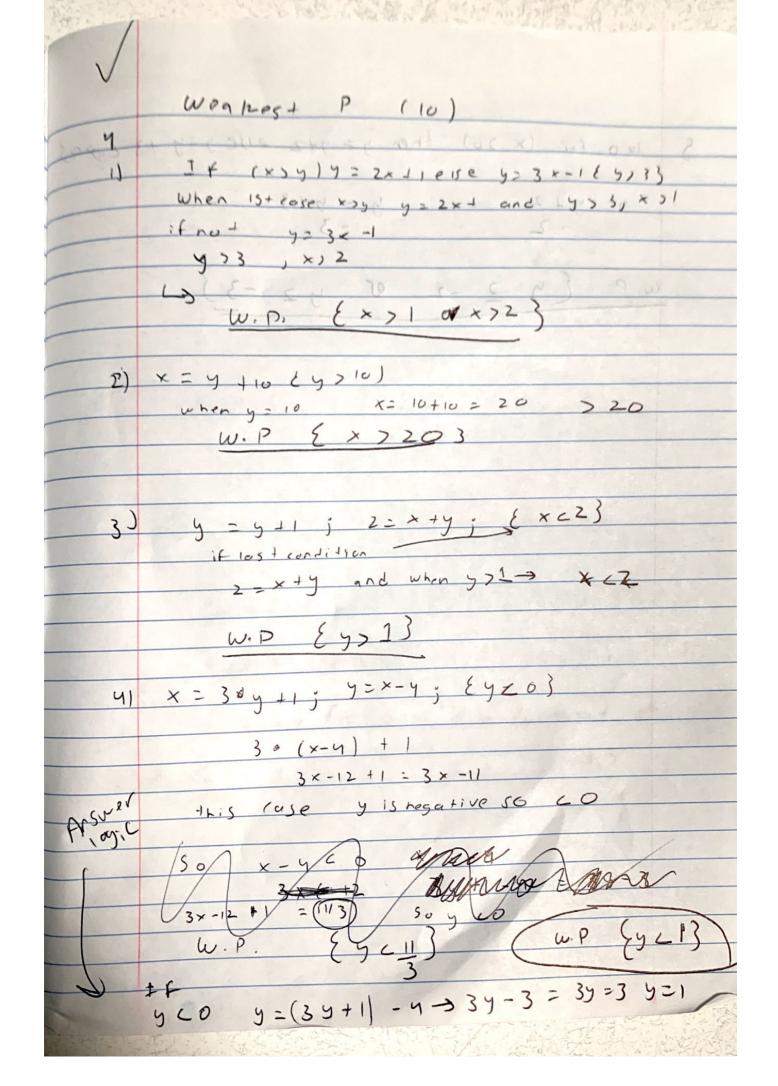
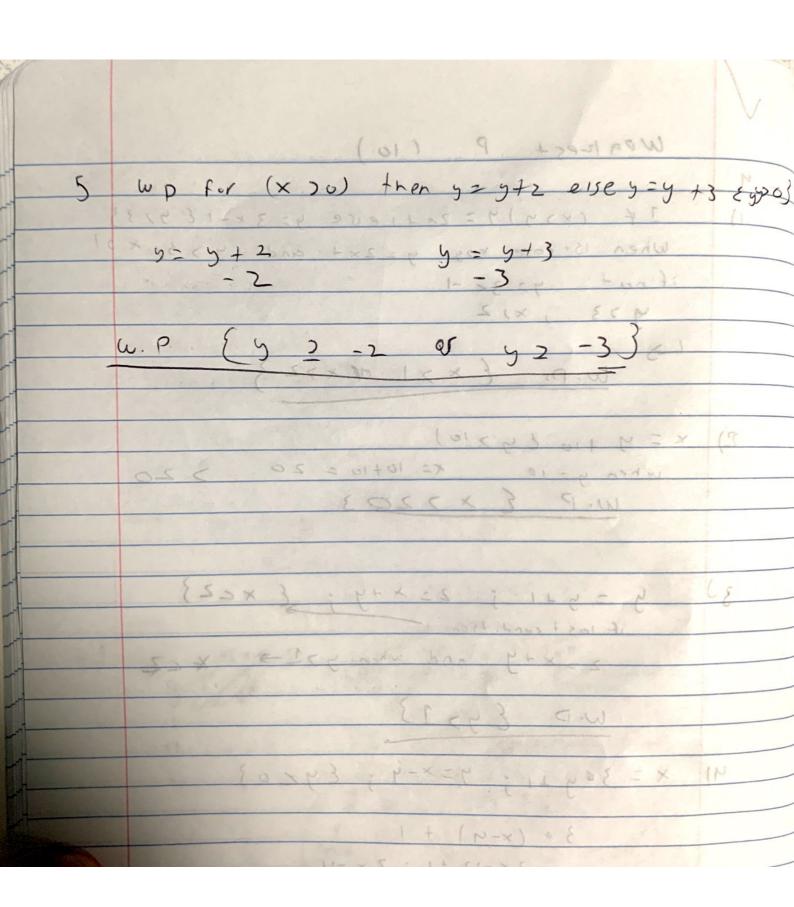
A STORE FOR	(SI) SHAMMO SANDONALA (IS)
/	
V	prove total correcteness
	Prove total romereness
2-	double answer = 1, d = 0.00001   double or 1 = double & K=1
	double answer = 1, d = 0.00001 anger
decleration	WALLE CONSTRUCTION
ans d )	answer += d; answer & num { 1 < n < :
	, + 1 ?
	ten 4 num
Subjects 11	MUSINES
d	3 answer - conditional 3 answer - answer - answer
( 3.5 ( ) on a	
	answer-d $answer-d $ $answer-d $ $answer = sqr+(num)$
	ensure I e = ansure = squeen
	Basis property)
	los d in valid
	answer 1.1= 1 1-0.000001 21 = 5 91+ (num)
1	The CANA DONATE
	Inductive property
-	7 3 3 4 M
	At Some point Since answer good park iteration
	# Tome point answer of the land
	; + will 9150 equaling so Jorminates 1807
	and reduis 591+(1) ~1
	After 100P 15 done
	2 continued on other
	page





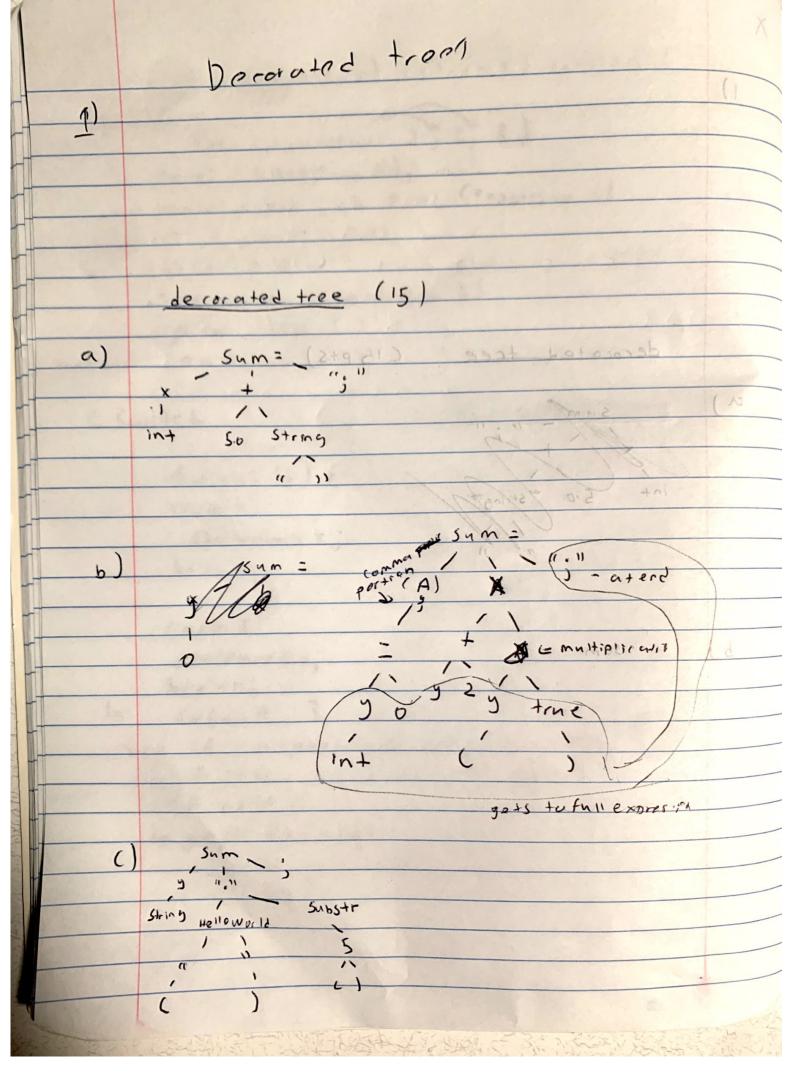


```
Java do while
       do E
       Tode to be executed }
      while (condition)
soit > loop := code to be executed
      if (condition) = false goto out
      90 +0 1000
      041: ...
       Ada for
       for I in Start -> complete 100p
      I = f115-
       loop: If I clost go out
    -> 50 ] = I +1
      go to 100p
       047:
       C+1 if then eise
       if (fondition) &
       Statement 1; } 3 (od a
       Statemen + 2; }
       eise {
three
       statemen } 3;
       So if condition == face go to esse
       (ode
        90 to 64-
        e 150 :
        statement 3
```

The state of the s
operational semantics for the following
C for
for (expressions 1, 2, 3)
eval (expression 1);
1007 = control = eval (expression 2)
sc
go to out of soil
evaluate (expression 3)
go to loop good alog
0 u + : 0 v · / : + 10
- C Switch
CHAIF Then else
Switch (i) {
(aso 1.
Statemen-15 x;
break;
3 3 21 9
(ase 2%
11.61.83
Drean,
defant s
if race ? I the rose 1 the #21
- than 1 -
b goto defaint
A STATE OF THE PARTY OF THE PAR

	Continues
	The state of the s
6)	ponotational Semantics
	> sauce from Dynamic semantics
	Power point
5	
1 20	Pythan for (h- noviend) = noviend
	marcon (C
	m ( For f, state state) = mf (f, m(f.)nitial) state
0	Mf (For f, State State) =
1	(
	Em (f, Mf (f. pos -), M (f. body, State)))
1000	Satisfing restoring factions process
	if (M (f-test) State) is true)
	Estate otherwisel = 9
_	( t and (No+131) = 7 9
-	Java class metaningst good
-	1 (103)
- 27	Add simple varmap 1200 2000 2000
Me	() - VARMAP (i) S) MAA) + 302
	then 5 = { < ; , v, > < ; 2, vz > co}
	it are tollows the format of
	C++ function
	( Wile B do 5 end ? )
	Voimad if My (B,S)
	then
-	(
1-11/1	
	1

		C++ further Switch
		when switch: 2 true;
		Same I
		M, culie Bdo L, s) A=
7		: f ms (B, s) = = e1100
4		tren orrur
1		eise of Mb (B) s)
1		z = f q' s e
1		thens
-		else if mg, (Lus) = = ellier
-		then error
-		eisem, (while BdoL,
		Ms, (L)5)).
		then a switch (not switch) in rase where stop
		end 100P
1		Java boolean expressiont
	· ·	
		My (B) S) if VARMAD (15) = undot
		for some in 1 in B
		4 error
		els e
		R
		Varmap
1		



**Scanned with CamScanner**