Some:

```
int AVI:: insure (intx)
  AVLNODE + a , + b, + c, + 8, + p, + q, +4,
         * clavilo, + concerid:
 in found, unbosonced;
  ins d s
 il (; 5000)
   A = LOND BATHODE :
   Y-> data = x;
   GOOF TY:
   0100F -> pf = 0;
   Moot -> deft = Moot -> vight = NULL;
   vietures TRUE:
& = NULL:
 or = b= 200F .
 V= NULL;
yound . FALSE;
while (pt& ! gound)
 il (b> pl)
  N=P:
  g = q;
il (xx b > gora)
t 2=p;
```

2	
	else if (x>p > data)
	P-P-vigne:
The state of the s	The state of the s
	elie
	2 y=p: yound = TRUE:
	3 1000 = 1806 3
	13
insert >	
ribaiance.	if C; Borry
	2
	L = UEM UNIMODE :
	1-> que - x;
The same of the same	1->18t -1 -2 suigne = NULL;
	4->pt=0;
	i) (x <q->dota)</q->
	d>, de = h;
	euse
	9-> sugue = 43
right ->	if (x>a->dara)
211	Cp=a>origha;
	b=p;
	d=-1:
	J
	euc
	5 p= a -> 34 t 1
	p=6;
	d : 1;
A STANDARD COMMENT OF THE PARTY	while (p1-1)
the state of the s	11 (x > b - 19020)
The state of the s	A MATERIAL PROPERTY OF THE PRO
The state of the s	P-3 bl 8 - 1
	t be be mone?
The state of the s	The state of the s

```
Page No.
else
[ p => 6g = 13
       b= b- delt:
unbalanced = TRUE;
1 (: ca-> log > 11 1 ca-> log +d))
                      a = bg + = 8;
                unbalanced = FALSE ;
 if Cumbalanced)
                   [ a -> eqt = 6 -> oright;
                               6-> origine = 0;
                                        a-> pl = 0;
                                         6 => bq = 0;
                                                                   Maria Lander Comment of the Comment 
             7
         elie
       le=6 → vigere;
                    6-suight = c > depti
                     ansier = coordigue
                      c -> left = b;
                    (-> suight = a;
                switce ( e > bg)
                      couse 1:
                                                a-> by = -1;
                                        p. pf =0:
                                                      boneale;
                 cose -1 :
                                                             6 + pf = 1;
```

```
Page No.:
Core o.
  pro 108 = 0;
break ;
4
c-> pl = 0?
6=67
d'is
  if (0 > pl = = = +)
     a > uright = b > degt i
     P-> 1666 = = 0.7
     P -> Pd = 0?
ese
              C= 6 -> migne:
    b-rought = c-rolegt;
    a -> oright = c> depti
    c=> seight = 6;
    c > rept = a;
   switch (c > 64)
   Case + :
     a-> bg=-13
     b -> bp = 0;
     preak;
   case - 1:
      B-> bf = 1;
      a -> by=0;
      preary,
                    24646
   Corse O:
       6-2 pd =0?
       01-2 101=0;
       break
```

Ph.

```
b = c;
   cd= took
else if (a == g -> (egt)
utun FALSE)
void AVL: : display ( +m()
   display (neot );
void AVL:: display (BULNODE * temp)
 of if Ctemp == NULL)
COUT << TIMP -> data KK " ";
 display (temp-sigt)
 dispay (temps sigut 23
noid AVI: 1 siemove ( tem ( int x )
   E search (x);
 if (100 == = MULL)
    cous « "In ixm is not in tree : (")
    venun;
 1 (100 -> right; = NULL 48 100 -> 16/2 1 = WILL)
     semore & (loc, par, x);
    wernow IC to c spay 1 x 3;
```

g+ 3000114, L+ 300014) thomas: 114 bion CKEN ANNODE * pt. , * save, * suc; * psuc; pt = 1 - ugue; (te such while (pa - deft 1= nous) { save = pit; bes = ber refer Suc = pti; Psuc = save : chemore 2 (was, psuc) x); ilcb; -unin) if (1== p > 14 () p-> refe = vauci 1845 -> 168 + = 7 -> 1665. usuc -> order = 1 -> might; vetur; Control of the second void AVL: : versue 2 CAVENDE *5, AVENDE *P, (x vi~ x) f Avenode active; if CS-> lege == NULL & s-> migett == NULL) enild = NULL exerifice + let i = worr) cuild =s > left; euc cuite = 5 -> right 1 (6; -40m), if (s = = P -> 19t) ene passigne enies disse enies;