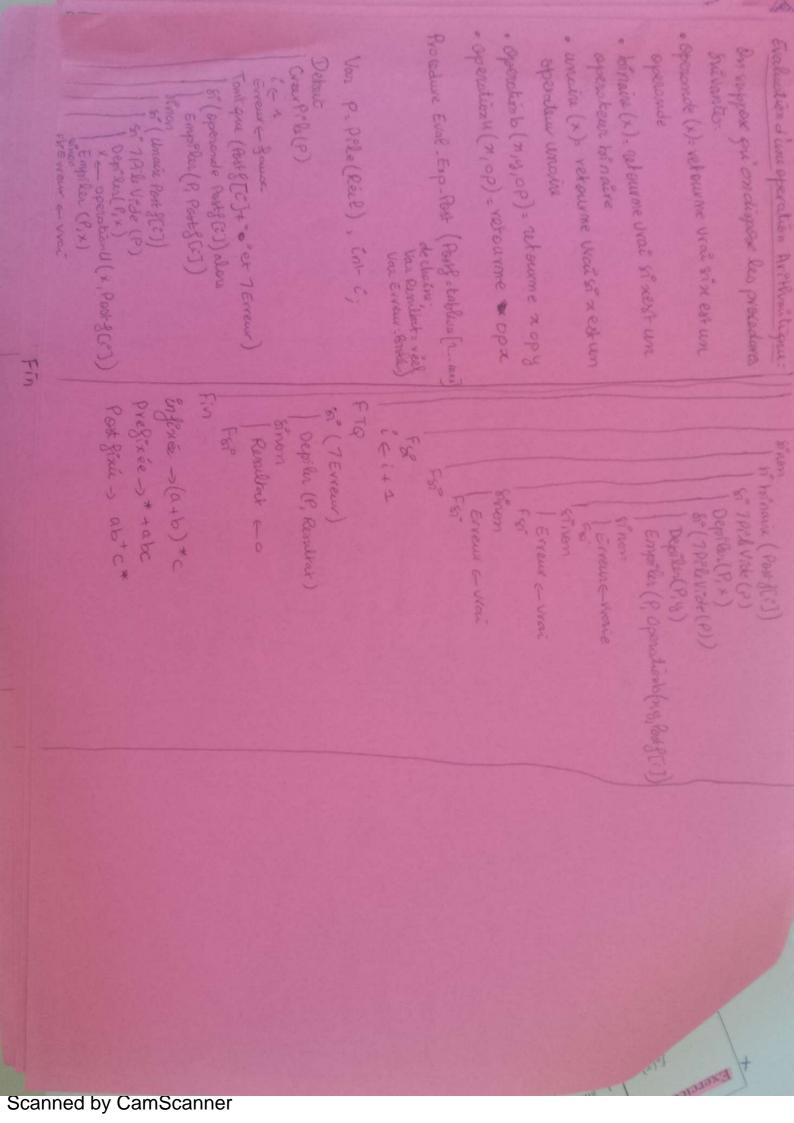
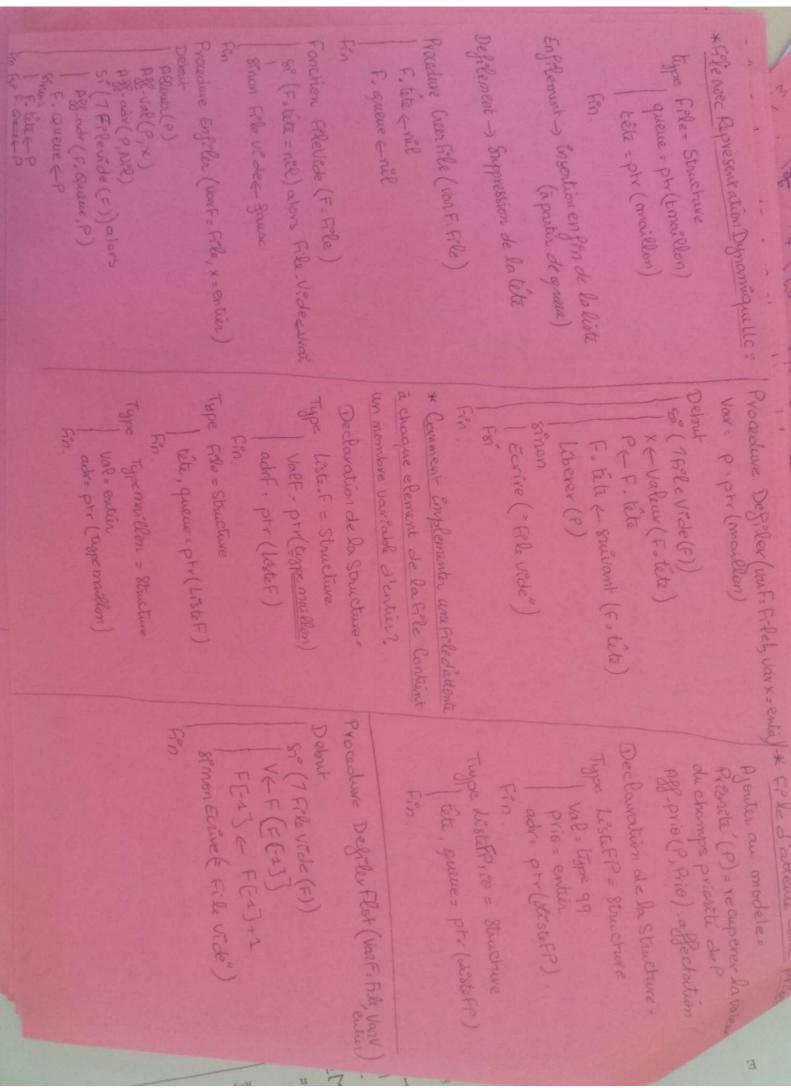


Representation of une light Centique -Limbertion & ..... Procedure Allows (Total, vari = onties, tai = entir Type Element = Structure T= Tablecu [1 -- max) de Element all-val (I, val). Tele: entier ( l'indice on commence la Dista! Affadr (I) ROWN - LOWX me specie ( tai) ex (7 troms) val= type 99 SVE : entire inchise donale tableau) =) deste des lases vide Solution pour eviller de Beco Procedure Alloner (T= ext) Von 5 = entin) requestiel => lebre = owner => inclice de Kroadure Liberu (T=tob, var I= ontier) Minsention domo la tete de la liste declases violes I & Debre latele one la liste des caso vides · ( Rebret -1) Always T[x]. syt = lebra Lebre - TCREbre J. SUE libre - I

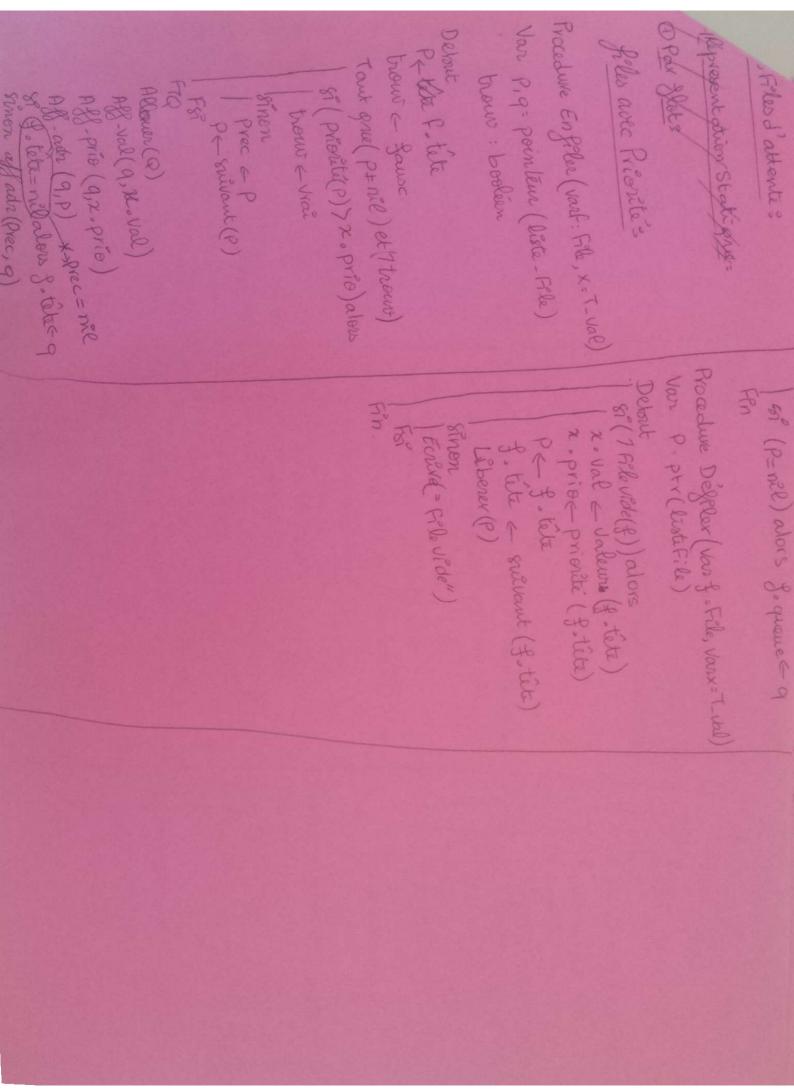
Procedure Empher (P.P. Le, x=ension) 2 ype posts structure Crearfile (P. Pila) = (P. Sommer 40) Pile Plaine (P. Pille) = (P. Sommax = max Pilevide (P. Pile) = (P. Sommet = 0) Empiles (vorP. P.L. v. typegg) Depoter ( von P.Pik, von x = Cype 99) The en Representation Contigues Procedure Depiller (P. Pils, von x-entite) Procedure Empiller (P. Pils, x-hyper) P. Sommer - P. Sommer + 3 EUSE (PRA DILINE") To takkon [ -- max ate type of Sommet - entur Or he en Reguenentation Dynamicans Empillar: Review a Scarle was "inspersion Em tota de 1286 Deforbin: Pestiver la tota donc Enpopuliers de la tôte Prile Usde (P. P. D.) P = nee xexPorts (P. Pile) = P = Prile X4 P.T [Sommak) val- type gig Scanned by CamScanner

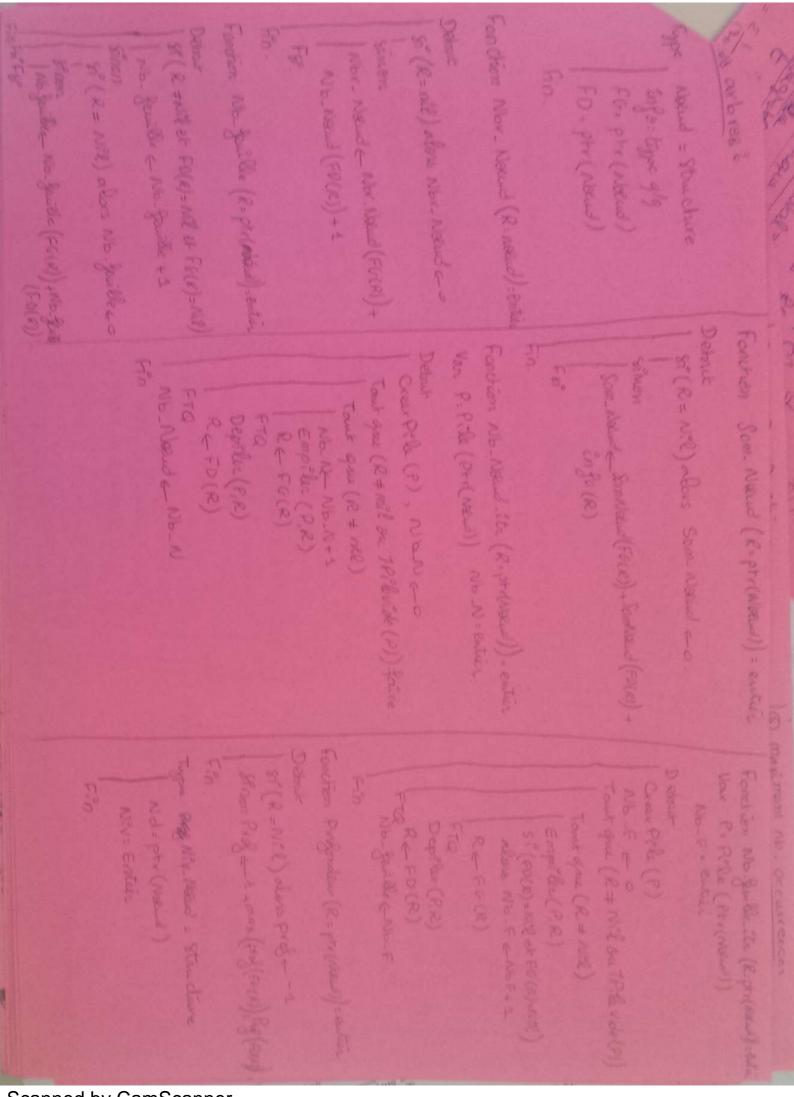


· Procedure Engiller (Varf. Filly x = entir · Fonction File Plaine (F. File): Boolien Procedure Creer File (F: File) of 9/2 Fisher of attente: Ponction Fole Vide (F. File) - Boolson Upe File = Structure 80 (FE-1) 7 FEOJ) along Folk-Violez vron sepresentation Peur Clat: or (FCo)=max) about File- Pleine - Vias FloJeo 11 gruene co Stoom For Suppleme - game FE1)+1 11 late 4-1 T= tableon [1 -- max] d'entier queue, tete -embier Trelepleine (F)) alors £[ [ [ ( ) ] } ~ × Procedure Degreer (var F. File, varx - entire) Procedure Enfiler (var F. File, x - entire) | 80,7 File vide (F) alors Randerders | 80 (7 File Pleine (F)) alors \* Representation avec untableau livulaire Concron File Plaine (F. File) = Bookien of (F[1]=(F[0]modmax)+1) about Flo Jemax 11 Decalage d'une Pas vers la ganche FE a xmax Penri allow de & off [0] 41 XEF LECATI FDF[2] 4- F[1-4] File Plank viais FIRE HERENE Same + [0] + [0]-1 || avancer & Procedure Defelor (Max F. F. L. Van V. enting Fonction Felevide (F. Tab) = Booliem FGJ (FC-J MOD MAX)+1 81° (F(-1)=F(D)) a love File Vider-View or (FE-1) = max) alow VAF (FCa)



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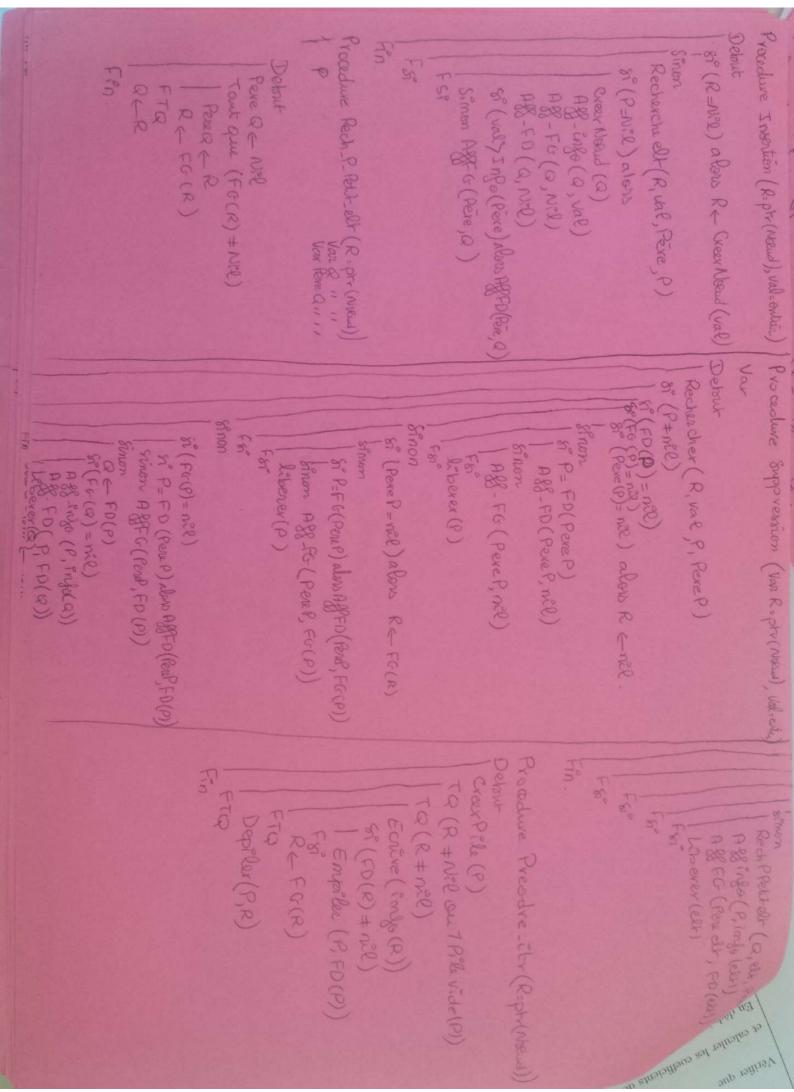




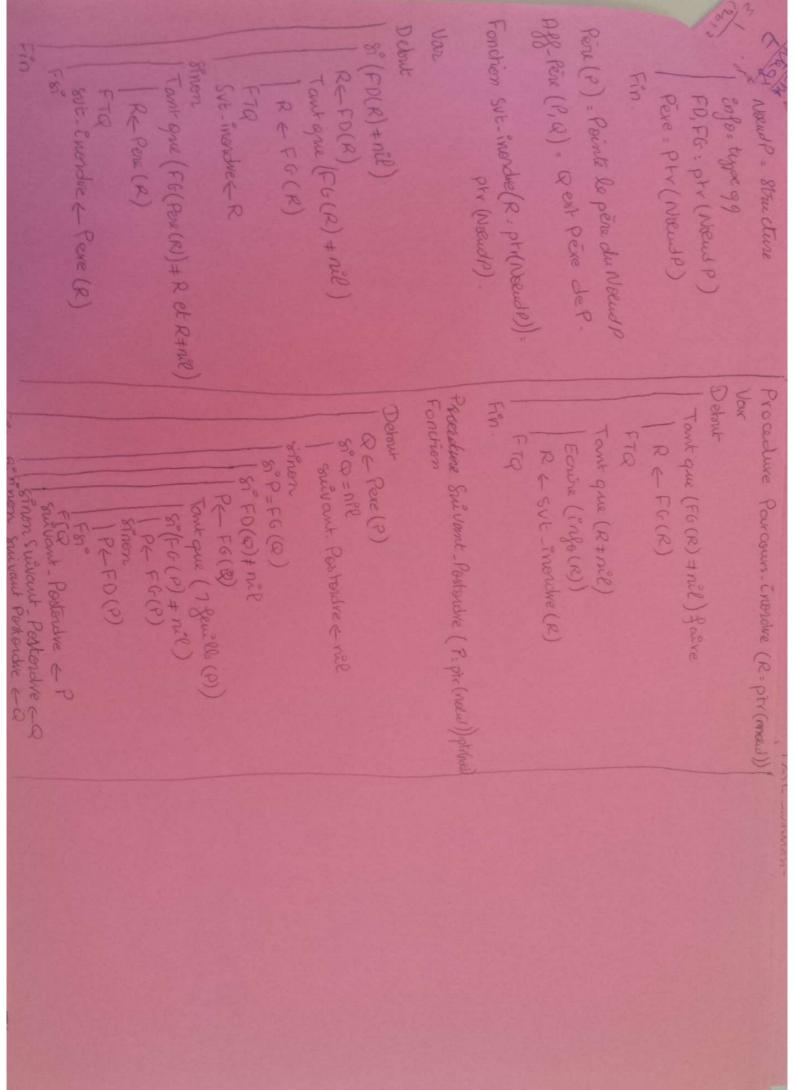
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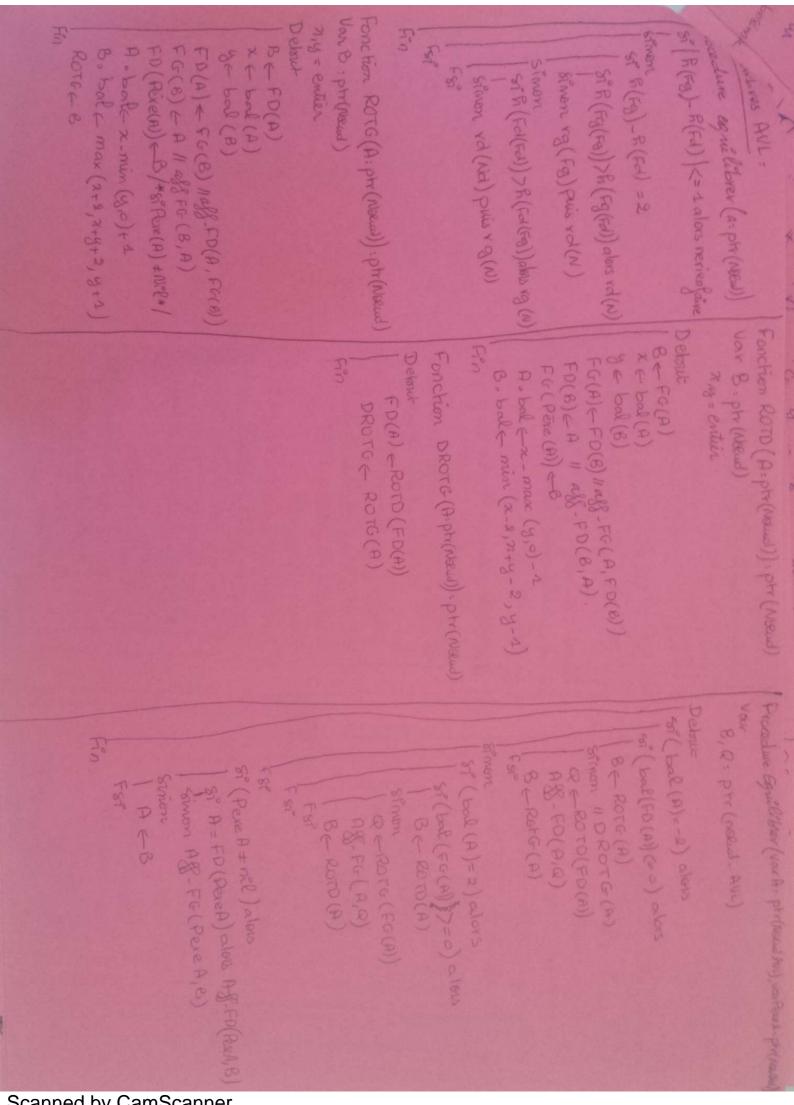
tonotion Prof(Rophy (Nows)) = Entur Van Niveau, Pf-Entier Toursque (R+Nil on Thile vide(P). Crear Pila(+) Niveou (R + Mile) PY CO Nileon -0 RAFD(R) m (FOR)= me) n (FO(R)= N.E) alous St (Niveau) pf) whom pf a Niveau Nivecu < A . Nov RCA.Nd P. pile (Nov- NEW) A : NW-NBELLD A. NIV - niveaux A. Note R NIVERLY NIVERLY + 1 Empiler (A,P) CFG(R) fon than Strict-binaire R (R-ptr(Nown))=Berlain 89 (R # NIE) Fonction 8trect-toin\_itr (R:ptr (News))=Bookbarn ST(FG(R)=NIL ex FD(R) & NID) BU FOR CFD(R) Crear Pish (P), Bin - vrai (FG(R) = NIR EXFO(R) = NIR) allows Strict binous & vron Tank gree (R. + nil on 1Pilevide (P) et Bin) Strick-binance & Eases 8 hood - binaire - 8thick-binaire (FD(R)) et sant gree (R +DEP) Enymoter (R,P)
RCFG(R) Depoler (P.P) Ben - James ((FCIR) = NRET FB(R) + NED) BU (FG(R) = NIL EXFO(R) = NIL) Strict-Imnune (FG(R)) Procedure RComplet (R-progress), Comp. Booksen Control Complete ( Pit arbre Compact ( ) Nb. Nb. Nb. L Fonction Complet (R=ptr (New NB-NG Nb-Noew (R) TRINTE Nb-N= pmss (2, pf+1) - 1 where Complet - forms comp = (Lampset Camps)et (12=12) - (- max (23, 22) +1

```
Procedure Insidre- Etr (R-ptr (New))
    we Inordive (N=ptr(New))
                                         Var= P= Pile (Noew)
  80 (n + nil)
                                          Creer Pile (P)
                                            Tout que (R = Nil 194 7Pillevide (P))
    Inordre (FG(R))
                                              Tantique (R = NPL)
    Inotalve (FD(R))
                                                 REFG(R)
Procedure Preordire (N=ptr(Nocus))
                                                                                     Foretier Rechall (R. pro(Nocal), val: entire )
     Ecrive (Info(R))
                                                 nolud = pt(Nolud)
 Providure Postordre (R=ptr(Newd))
                                          Procedure-postardre (R=ptr(noew))
                                              Fantque (R ± nil on Pilevide (P))
                                                Tank que (R + nie)
                                                   REFG(R)
```

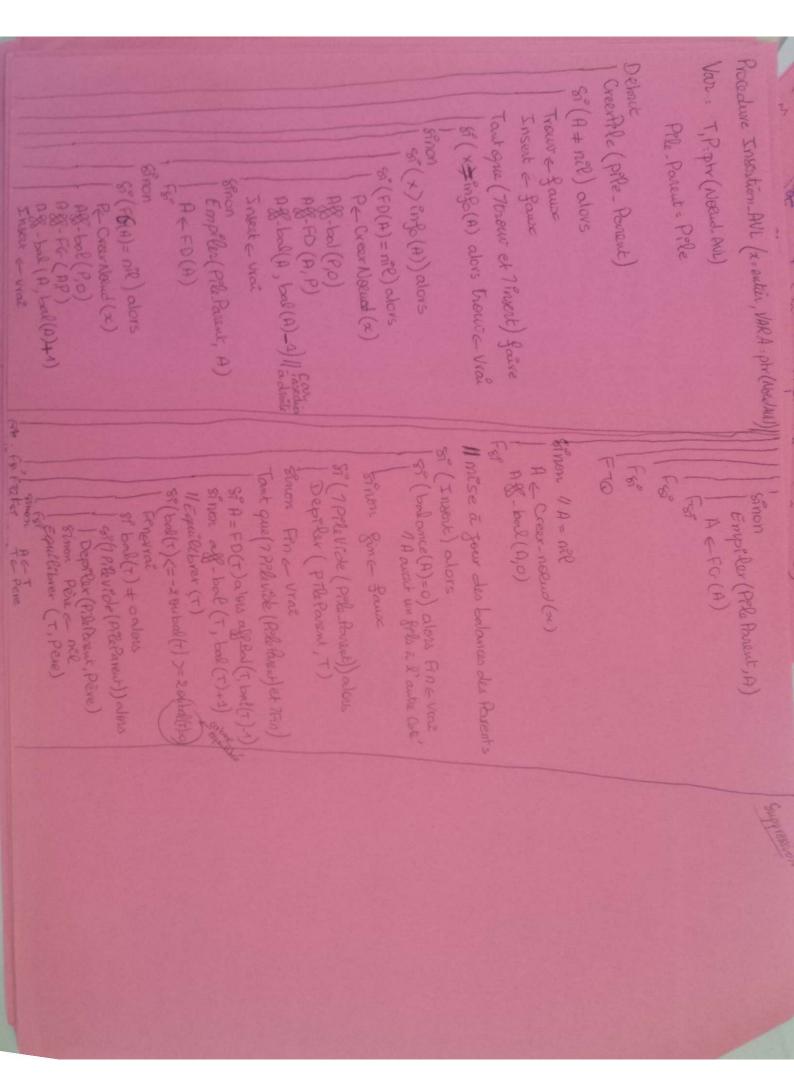


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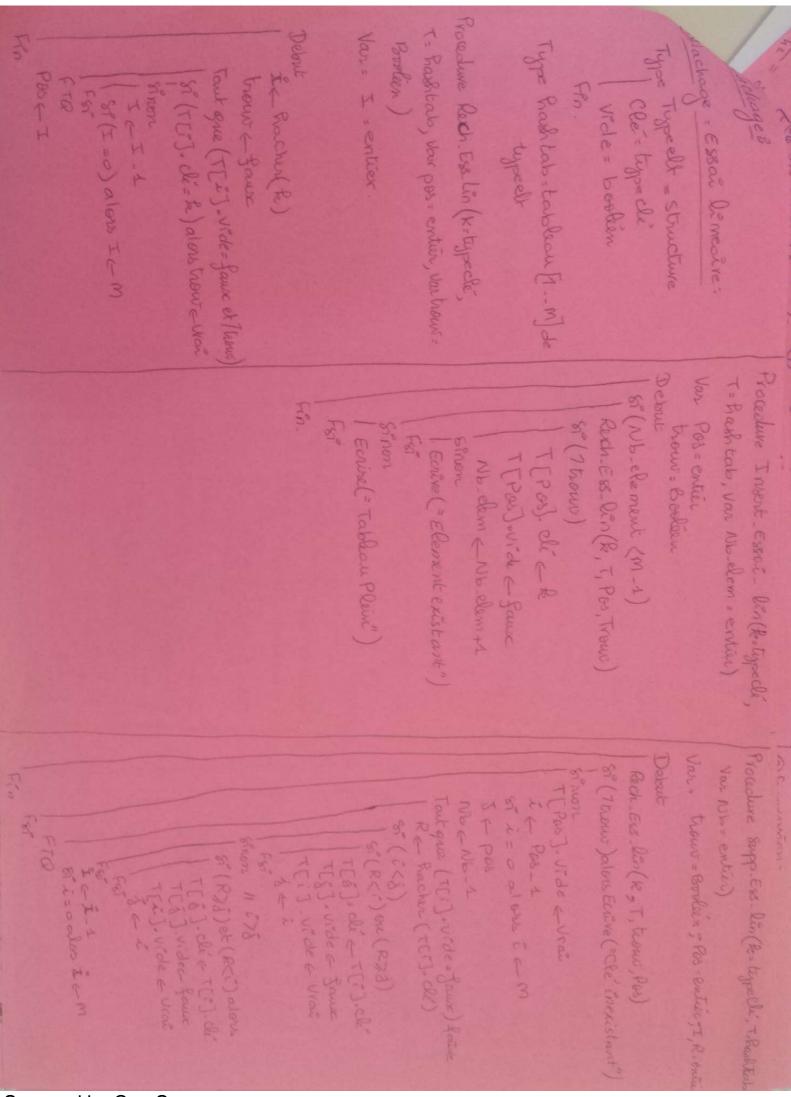




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Protective Rech - Dauba H( A= Gypelle, T= Pradical @ Double Hachage= Van trouv - Bookery van Pos - enter) P ← R'(&) 11 le pous C ← R(&) antique (TCT). vide=fourset Thou Propusion yours 8 per =0 alos per c 80 (T[1]. OR= Ket T[1]. 8 = faux) Thous K-VYai in (Pod=ock T[i].ell=voci) Poser 80 CKO alons (+C-M Post-C 10-P Proceedure Insent Double- Hach ( &- typecle, T= Rassitado, Van Nb = entier Var = train Booken Procedure Supp Double-Hach ( & : Upper Old T: hashTalo, Var Nb = emtirs) Vos: trous = Booken or (Nb<m-1) alons Rech Daube H (R, T, brown, pas) Rech\_Double\_Hach (&, T, trave, pos) SP ( Trous) or (trous) alors Ecrive (= Chi Cxi stanto T[Pos]. elle-viai T[POS]. de clé T-an - an Pos: Enter Pos = enuen ひちゃから+1 [ [Pos] . Vide four

Estature vecleriche chain intleitigen Debut r. but, von hour; Broken, var i: entie var prec - booksen) Tromo & Same A topic chrosing interme Procedure Insention (tab-hardital, taille : enter, Procedure Suppchaining & agree suppchaining & agree suppchaining & and a suppcha 八个界(金)本 Soltab [ ] - Vide = VKon) The black & steel Pres No ACH MINE ALL AND THE BURE PRO Tank que ( Thoma et 1 +0) Si (Thom) alow post prec of (TCi) cle= Re) aloys thouse vion Prection lien Val: typecté Van Pos = entier Rech. ch (val, Tab, Pos, Trous) ST ( BOUG ) alors Ecitive = la clé existe") F10 how : Boslan T[Pes]. dick Tant spice ( to et Tab [ r] wide= fin Y M-4 51 (r=0) alons Evina (= Tab Plein") Tably ]. vide & fame Tab[Pes] - lien + r Tab[r]. Dunco Van R: entier) to for TEST. Vide - uno Car Precedent & Prec TE Proceeding J. Sum - TC3] - Die

wat 1: phy (maillen) Dientin, Vant: entir, Jas trous Britis Procedure Rechichen-Septistal, facturage avec chamage enterm (sepane) 工人的(0) tremit famos ST (TIT) - che = a) Thomas - Vean (TCiJ-lien + nil) ant que ( frail et Thoma) FTCIJ. Kiew is simpant (is) thouse you (valend 3)=01) Procedure Insent-chain-Sep (v. entile T. tal) | Procedure Supp-chain-Sep (T. tal, ver Var: i centier, trour: booken Rech - chain-Sep(T, V, I, trown. 8) St (trour) alone Evine ("Lavalemenste" T 51. 3 = ptr (maillent) or (TIJ. Vide) alons Fsi [i]. liam & P alf-use(P,V) T[i]-Vide & famos rinon. Diene P. TCIJ. OLE CV of (TCij. lien = Nel) alors all out ( PITEIJ. lien) -adr (p, nil) Rech-choin-stp (T, V, 1, Treut) JCij vide e vraz TOTAL COLLINE Q + TCiJ. Min TCiJ. Olic volen (TDiJ. Si ant que ( suivant (R) + 8 Aff-adr (Q, suitant(8) Laporen(P) Q + Sudvant (Q)