```ada
 1 with decls.generals; use decls.generals;
 2 package decls.dtnoms is
 3
 4     type Tnoms is limited private;
 5
 6     procedure tbuida(tn: out Tnoms);
 7     procedure posa_id(tn: in out Tnoms; s: in string; id: out id_nom);
 8     procedure posa_cad(tn: in out Tnoms; s: in string; id: out id_string);
 9     function con_id(tn: in Tnoms; id: in id_nom) return string;
10     function con_cad(tn: in Tnoms; id: in id_string) return string;
11
12 private
13
14     subtype index_tcaracters is id_string;
15
16     type taula_dispersio is array(0..tam_tdispersio) of id_nom;
17     type taula_caracters is array(index_tcaracters) of character;
18     type bloc is record
19         ptblocs: id_nom;       --posicio que apunta dins la mateixa taula de blocs
20         ptcaracters: index_tcaracters;  --posicio que apunta a la taula de caracters
21     end record;
22     type taula_blocs is array(id_nom'first+1..id_nom'last) of bloc;
23     type Tnoms is record
24         tdispersio: taula_dispersio;
25         tcaracters: taula_caracters;
26         tblocs: taula_blocs;
27         idx_tblocs: id_nom;      --proxima posicio buida de la taula de blocs
28         idx_tcaracters: index_tcaracters;  --proxima posicio buida de la taula de caracters
29     end record;
30
31 end decls.dtnoms;
32
```