```
7.1.d
    4, = a+b
     4 = -4.
     42 = C+d
     44 = 42 # H3
     y. = a+b
     1/4 = 4x+C
     yn= 44+46
7.2.C
 loop if ic=10 goto next
 goto label
next: ali]=0
goto loop
  label ret
7.5
                         offset = 0;
        D \rightarrow D : D
        D \rightarrow id : T
                         enter(id. lexeme, T. type, offset); offset = offset+T. width;
                         T. type = integer; T. width = 4;
        T \rightarrow integer
        T \rightarrow real
                         T. type = real; T. width = 8;
        T{\rightarrow} \mathbf{array} [\ \mathbf{num}\ ] \ \mathbf{of}\ T_1 \mid T.\ type = array(\ \mathbf{num}.\ val\ , T_1.\ type)\ ;
                                T. width = num. val \times T_1. width;
                         T. type = pointer(T_1. type); T. width = 4;
                 图 7.5 计算被声明名字的类型和相对地址
    P-> { P. i = D.i=0} D; s
     D = (D, = D. i) D1; (D2. = D. i) D2
     D-> id: T { enter (id. lexene, T. tyde, D.i); D.i+= T. windth}
      T -> integer { T. tycle = integer; T. width=4}
      T-, real {T. ty de = real; T. width = 8}
      T - cmay [num] of Ti {T. type = amay (num. val, Ti. type);
                                           T. width = num. val x T. width?
      T→ TT, {T. type = pointer (T. type); T. width = 4;}
```