```
S -> if (c) S, else S2
                                                                              S.next S.next
     CI) SPT
                     S->if({L1=new(); L2=new();
                               C. true : 2, , C. false = L2)
                          c) { S. next = S. next
                         Si else (S2. next = S. next)
                         Sz [ S.code = C.code | Lobel | L, | S1.code | Lahel | Lz | Sz.cocle ]
(2) void S (lahel next)
    Label L, L2:
    行(当前输入== token if){
         advance input; check'l' is next on the input and advance;
        Li=new() Li=new()
        C(L1, L2):
   check 'I' is next on the input and advance:

print ('label', Li); S(next);

check current token is 'else', and advance:
        print ("label", Lz); SCnext);
       else · · ·
(3) S-) if (Mc) NS, clse KSz
M->E { L, new C); Lz=new ();
              C. true: Li C. false: Lzi
     N-) & [Si. next = stack[top-6].next
    K>E {Sz. next=stack[top-9] next
    temp code = stack [top-6].code | label
               stack[orp-7]. Lill
               stack[top-3].code||Lahel
                Stack [top-7]. Lz!
                Stack [ 700 p]. coole
```