Homework S

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4.13. 没经承属性 为loop. 文论如下

S' \rightarrow \{S.loop = false 3S

S \rightarrow id := E

S \rightarrow if E then \{S_1.loop = S.loop \} S_1

S \rightarrow white E do \{S_1.loop = true \} S_1

S \rightarrow begin \{S_1.loop = S.loop \} S_1; \{S_2.loop = S.loop \} S_2 end.

S \rightarrow break \{ if (S.loop == fasle) print ("error"); \}
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4.15
$$E \rightarrow E_1 + T$$
 $Val[top-2] = Mk Node ('+', val[top-2], val[top])$
 $E \rightarrow E_1 - T$ $Val[top-2] = Mk Node ('-', val[top-2], val[top])$
 $E \rightarrow T$ \sim
 $T \rightarrow (E)$ $Val[top-2] = Val[top-1]$
 $T \rightarrow id$ $Val[top] = Mk (eaf (id, Val[top])$
 $T \rightarrow num$ $Val[top] = Mk (eaf (num, val[top])$

6.5. 在结构体b中,long 多以 8 bytes对齐,short 以 2 bgtes对齐.

但对于结构体改组, 岩 b的 size 只是 10字书, 相介数组元本 long 可能会出现对齐情况. 所以,只有 size 为 16 时,不再偏否考虑 欧组 元本之间 对齐。

