```
t_1 := a + b
t_2 := -t_1
t_3 := c + d
t_4 := t_2 * t_3
t_5 := t_1 + c
t_7 := t_4 + t_5
```

## 7.2c

```
1 L0: if i <= 10 goto L1
2     goto L2
3 L1: t = i * 4
4     a[t]:=0
5 L2:</pre>
```

## 7.5

```
P 
ightarrow \left\{D. \, offset_1 = 0; 
ight\} \, D \, \left\{P. \, offset = D. \, offset_2 
ight\}; S \ D 
ightarrow \left\{D_1. \, offset_1 = D. \, offset_1; 
ight\} \, D_1; \, \left\{D_2. \, offset_1 = D_1. \, offset_2; 
ight\} \, D_2 \, \left\{D. \, offset_2 = D_2. \, offset_2; 
ight\} \ D 
ightarrow id: \, T \, \left\{enter(id. \, lexeme, T. \, type, D. \, offset_1); \, D. \, offset_2 = D. \, offset_1 + T. \, width; 
ight\} \ T 
ightarrow integer \, \left\{T. \, type = integer; \, T. \, width = 4; 
ight\} \ T 
ightarrow entarrow entarro
```