

# 编译原理——04-21作业

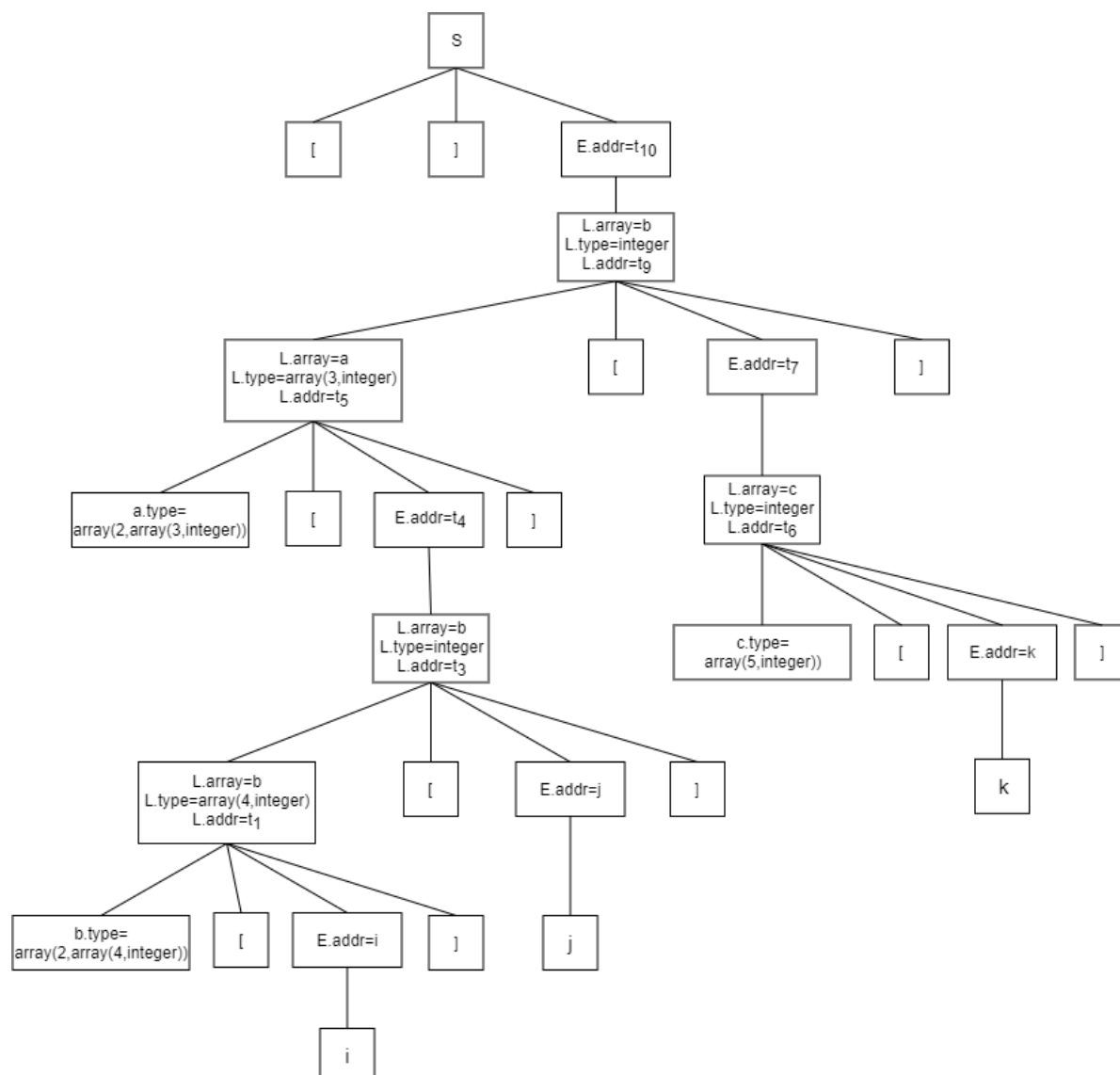
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## 6.4.3

### 中间代码

$t_1 = i \times 16$   
 $t_2 = j \times 4$   
 $t_3 = t_1 + t_2$   
 $t_4 = b[t_3]$   
 $t_5 = t_4 \times 12$   
 $t_6 = k \times 4$   
 $t_7 = c[t_6]$   
 $t_8 = t_7 \times 4$   
 $t_9 = t_5 + t_8$   
 $t_{10} = a[t_9]$   
 $x = t_{10}$

### SDT



### 6.4.8

1.  $A[3, 4, 5] = [(3 - 1) \times 5 \times 6 + (4 - 0) \times 6 + (5 - 5)] \times 8 = 672$

2.  $A[1, 2, 7] = [(1 - 1) \times 5 \times 6 + (2 - 0) \times 6 + (7 - 5)] \times 8 = 112$

3.  $A[4, 3, 9] = [(4 - 1) \times 5 \times 6 + (3 - 0) \times 6 + (9 - 5)] \times 8 = 896$