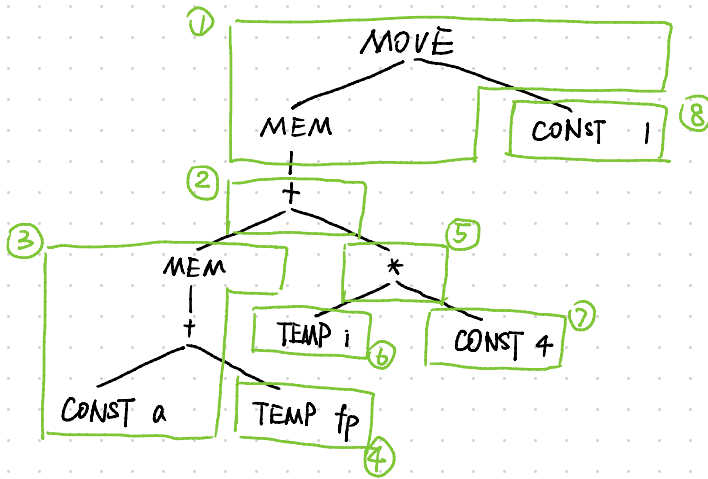


# Quiz 4

(1)



- (2)
- ① STORE  $M[r_2] \leftarrow 1$
  - ② ADD  $r_2 \leftarrow r_1 + r_0$
  - ③ LOAD  $r_1 \leftarrow M[a + fp]$
  - ⑤ MUL  $r_0 \leftarrow i \times 4$

(3) the sequence is :

MUL  $r_0 \leftarrow i \times 4$   
 LOAD  $r_1 \leftarrow M[fp + a]$   
 ADD  $r_2 \leftarrow r_1 + r_0$   
 STORE  $M[r_2] \leftarrow 1$