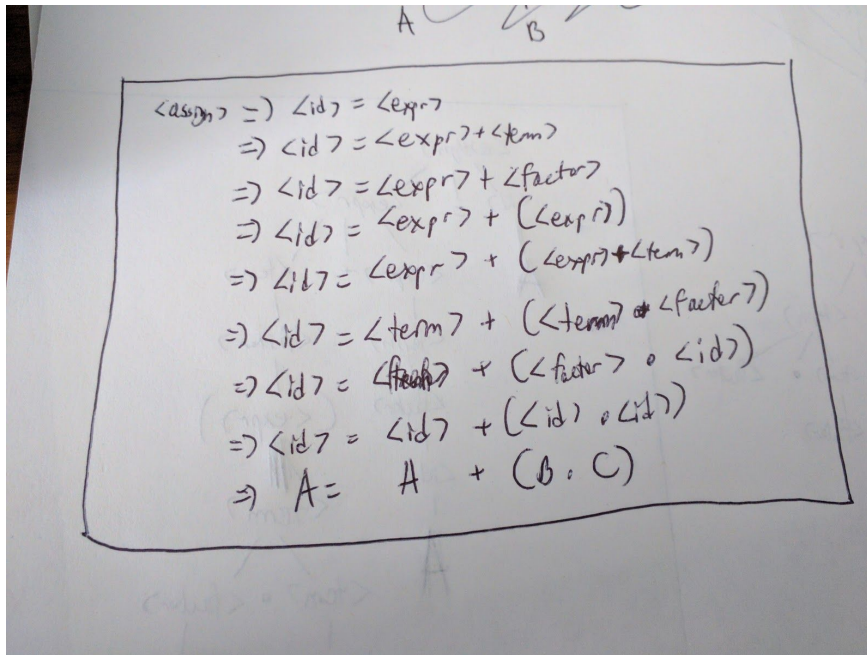
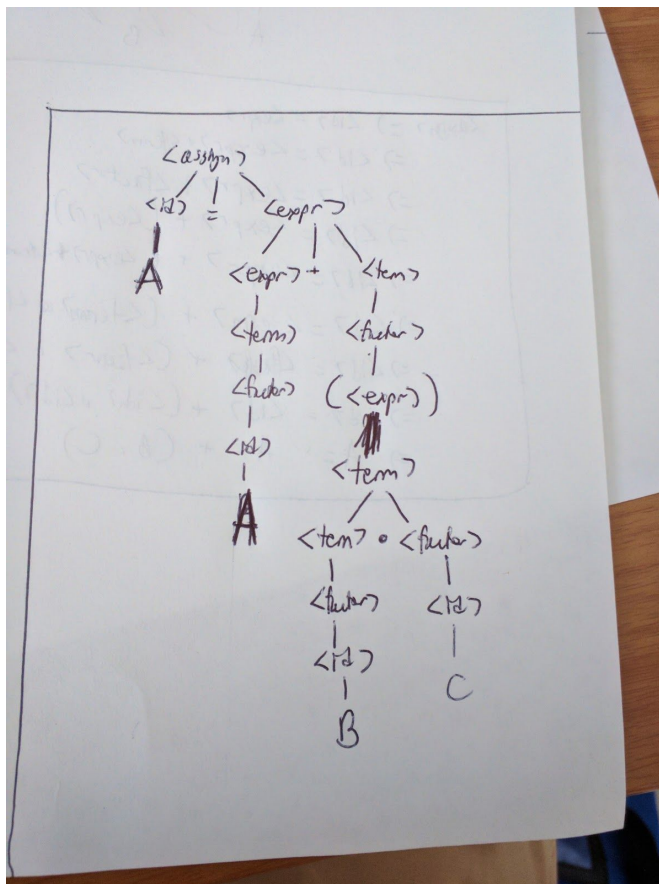


1.

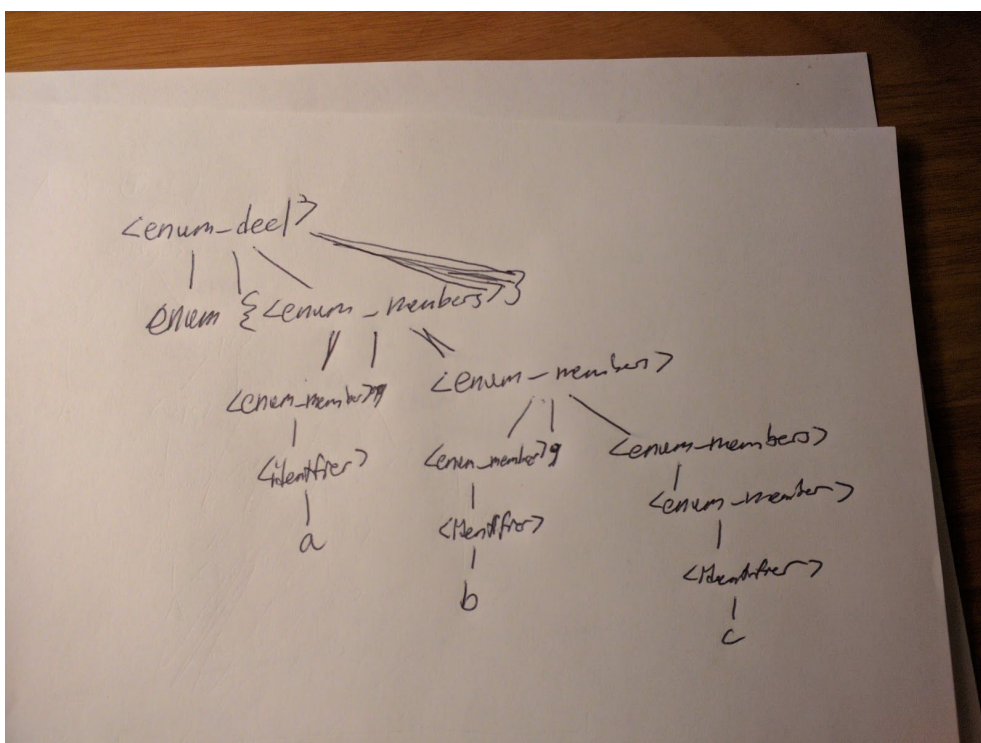


\*Line 7 is  $\langle \text{id} \rangle = \langle \text{factor} \rangle + (\langle \text{factor} \rangle * \langle \text{id} \rangle)$



2.

$\langle \text{enum-decl} \rangle \rightarrow \text{enum } \{ \langle \text{enum-members} \rangle \}$   
 $\rightarrow \text{enum } \{ \langle \text{enum-member} \rangle, \langle \text{enum-members} \rangle \}$   
 $\rightarrow \text{enum } \{ \langle \text{enum-member} \rangle \}, \langle \text{enum-member} \rangle, \langle \text{enum-members} \rangle$   
 $\rightarrow \text{enum } \{ \langle \text{enum-member} \rangle, \langle \text{enum-member} \rangle \}, \langle \text{enum-member} \rangle, \langle \text{enum-members} \rangle$   
 $\rightarrow \text{enum } \{ \langle \text{Identifier} \rangle, \langle \text{Identifier} \rangle, \langle \text{Identifier} \rangle \}$   
 $\rightarrow \text{enum } \{ a, b, c \}$



3.

$S \rightarrow Ab$   
 $\quad | AA$   
 $A \rightarrow aA$   
 $\quad | abA$

4.

5. A,b,d since all end in values of b and are possible recursions of <A> and <B>

6. <assign>  $\rightarrow$  <id> = <expr>

<id>  $\rightarrow$  a | b | c

<expr>  $\rightarrow$  <expr> {+ | \*} <expr> | <id> | (<expr>)