

```

<assign> → <id> = <expr>
<id> → A | B | C
<expr> → <expr> + <term>
        | <expr> - <term>
        | <term>
<term> → <term> * <factor>
        | <factor>
<factor> → (<expr>)
        | <number>
<number> → <number><digit>
        | <digit>
<digit> → 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

```

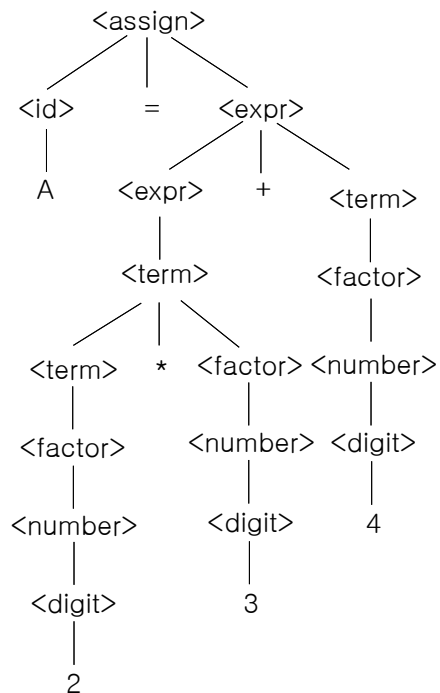
- 아래의 대입문(assign)에 대한 파스 트리를 작성해보시오.
- 강의 자료의 대입문 문법 참조
 - 시험에서는 문법이 주어집니다.

2 [문법 3-8]을 사용하여 다음 각각에 대한 파스 트리를 작성하여라.

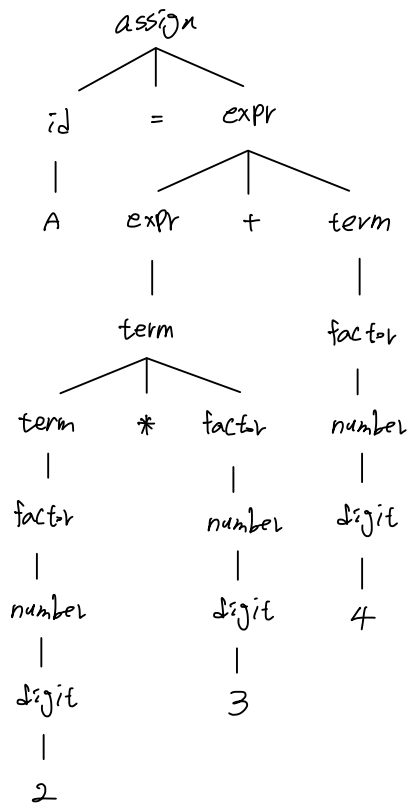
- (1) $A = 2 * 3 + 4$
- (2) $B = (2 + 3) * 4$
- (3) $C = 2 * (3 + 4 * 5)$

답 :

(1)



(2)

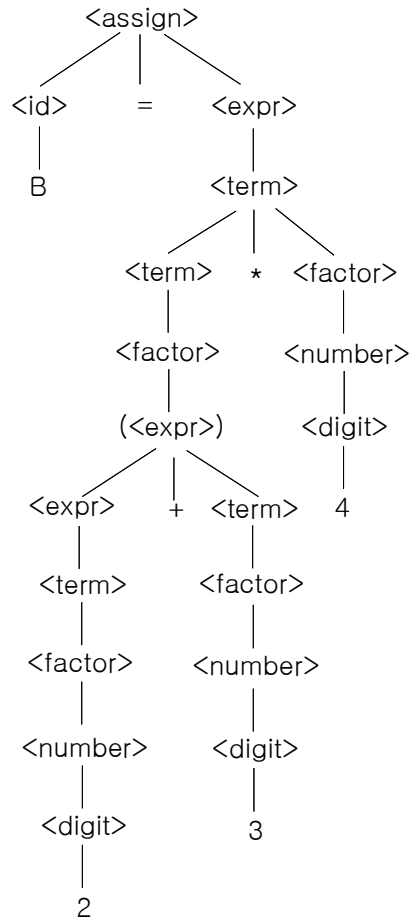
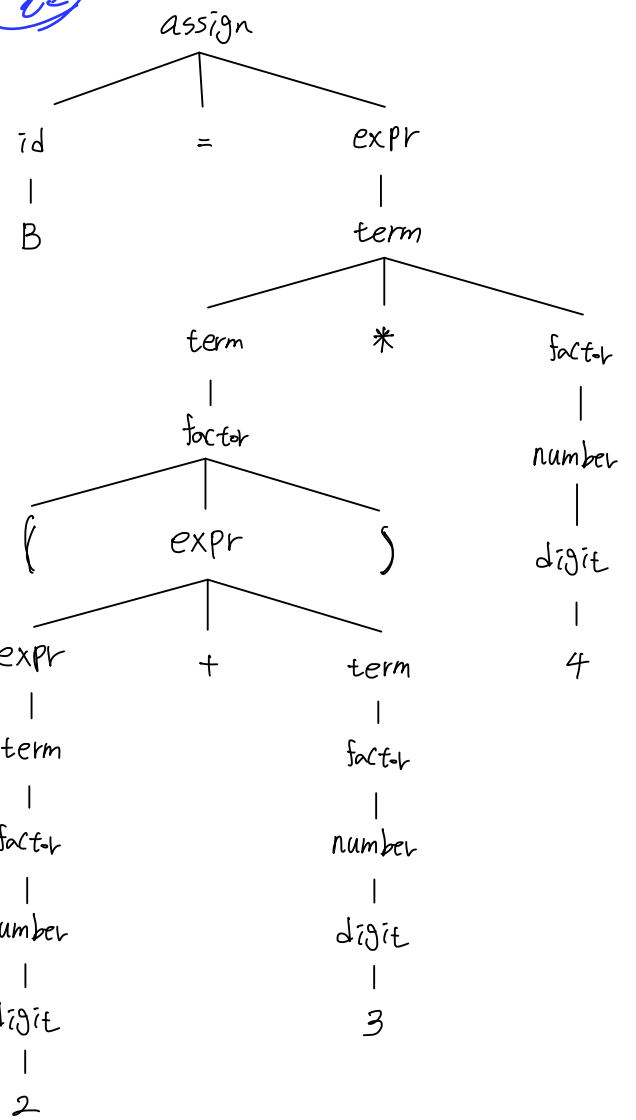


```

<assign> → <id> = <expr>
<id> → A | B | C
<expr> → <expr> + <term>
        | <expr> - <term>
        | <term>
<term> → <term> * <factor>
        | <factor>
<factor> → ( <expr> )
          | <number>
<number> → <number> <digit>
          | <digit>
<digit> → 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

```

() 괄호
 2/2
 ok



(3)

```

<assign> → <id> = <expr>
<id> → A | B | C
<expr> → <expr> + <term>
        | <expr> - <term>
        | <term>
<term> → <term> * <factor>
        | <factor>
<factor> → (<expr>)
          | <number>
<number> → <number><digit>
          | <digit>
<digit> → 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

```

