

(Q1) این گرامر LL(K) نیست زیرا first Type تهی نیست

```
Type ::= "int" "[" "]"
      | "boolean"
      | "int"
      | Identifier
```

و در Expression Left recursion داریم :

```
Expression ::= Expression ( "&&" | "<" | "+" | "-" | "*" ) Expression
            | Expression "[" Expression "]"
            | Expression "." "length"
            | Expression "." Identifier "(" ( Expression ( "," Expression ) * )? ")"
            | <INTEGER_LITERAL>
            | "true"
            | "false"
            | Identifier
            | "this"
            | "new" "int" "[" Expression "]"
```