LAB1: Lexer

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Write lexer rules in "BKIT.g4" that can accept the following tokens.

Example

```
1  Int:
2      // All integer numbers
3      // Integer numbers can start with 0
4
5  Id:
6      // Containing only lower-case alphabets
```

Exercise 1

```
1   Int:
2       // All integer numbers
3       // Integer numbers do not start with 0
4
5   Float:
6       // Example: 1.0, 1., 12e2, 9e-2
7       // Float numbers do not start with 0
8
9   Binary:
10      // Example: 001, 101, 0010, 1001
```

Exercise 2

```
1   Id:
2       // Starting with a lower-case alphabet
3       // Can contain alphabets, numbers, and '_'
4
5   Int, Float, Binary:
6       // The same requirements as Exercise 1
7
8   Operator:
9       // Example: +, -, *, /, %
```