

```
lexer grammar Tokenizer;
```

```
LINE_COMMENT
```

```
    : '/' '*' .*? ('\n' | EOF) -> skip
    ;
```

```
MULTILINE_COMMENT
```

```
    : '//*' .*? '*/' -> skip
    ;
```

```
WHITESPACE
```

```
    : [ \t\r\n]+ -> skip
    ;
```

```
INT_LITERAL
```

```
    : [0-9]+
    ;
```

```
REAL_LITERAL
```

```
    : [0-9]+ '.' [0-9]+
    ;
```

```
CHAR_LITERAL
```

```
    : '\'' ~[\t\r\n] '\''
    | '\''\n\''
    ;
```

```
IDENT
```

```
    : [a-zA-Z_][a-zA-Z0-9_]*
    ;
```