

```
package analyzer;

/**
 * Class that describes a Lexical component
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 *
 */
public class Token implements TokenConstants{

    public static final int EOF = 0;

    private int kind;

    private String lexeme;

    private int row;

    private int column;

    /**
     * Constructor
     * @param kind Lexical category identifier
     * @param lexeme lexeme that generates the component
     * @param row Row in which this component starts
     * @param column Column in which this component starts
     */
    public Token(int kind, String lexeme, int row, int column) {
        this.kind = kind;
        this.lexeme = lexeme;
        this.row = row + 1;
        this.column = column + 1;
    }

    /**
     * Gets the category identifier
     * @return component type
     */
    public int getKind() {
        return this.kind;
    }
}
```