

01

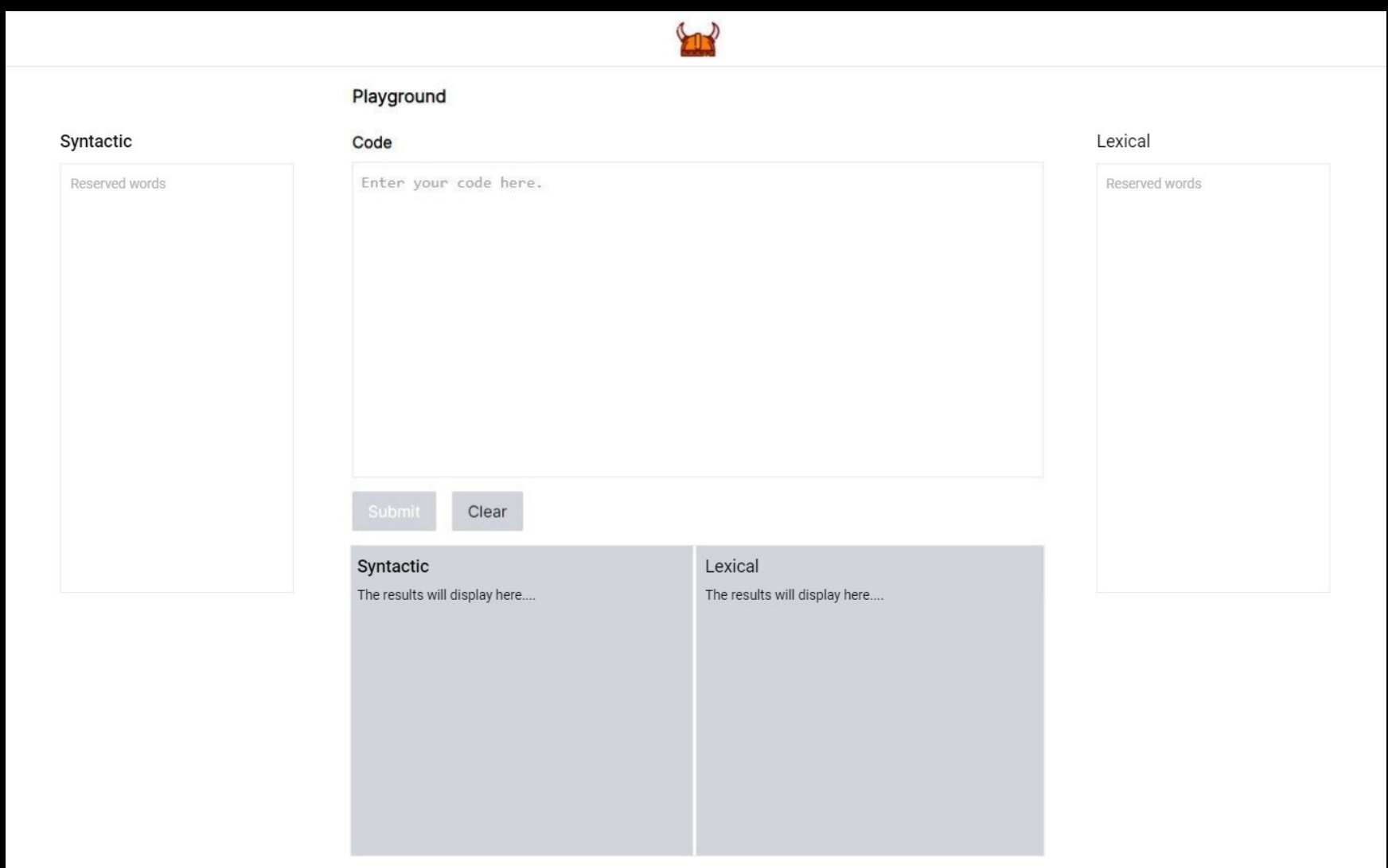
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# VIKINGOS - ANALYZER



# 02 INTERFACE SKETCH

Interface composition  
drawing.



Simple, intuitive and explained  
interface designed for user  
comfort.

# 03

## Analyzer Modes

### **Syntactic Mode**

Description: Syntactic analysis mode is designed to check the syntax or grammar of your code. It ensures that the code adheres to the specified rules and structure.

Usage: Use this mode for tasks related to the syntax of your code, such as identifying and fixing syntax errors.

### **Lexical Mode**

Description: Lexical analysis mode focuses on breaking down the code into individual tokens or lexical units. It identifies keywords, operators, and literals.


Usage: Use this mode when you need to analyze the lexical structure of your code, such as tokenizing code elements.

# 04

## USER INTERFACE

### INTRODUCTION TO UI

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Syntactic

Reserved words

Playground

Code

Enter your code here.

Submit

Clear

Syntactic

The results will display here....

Lexical

The results will display here....

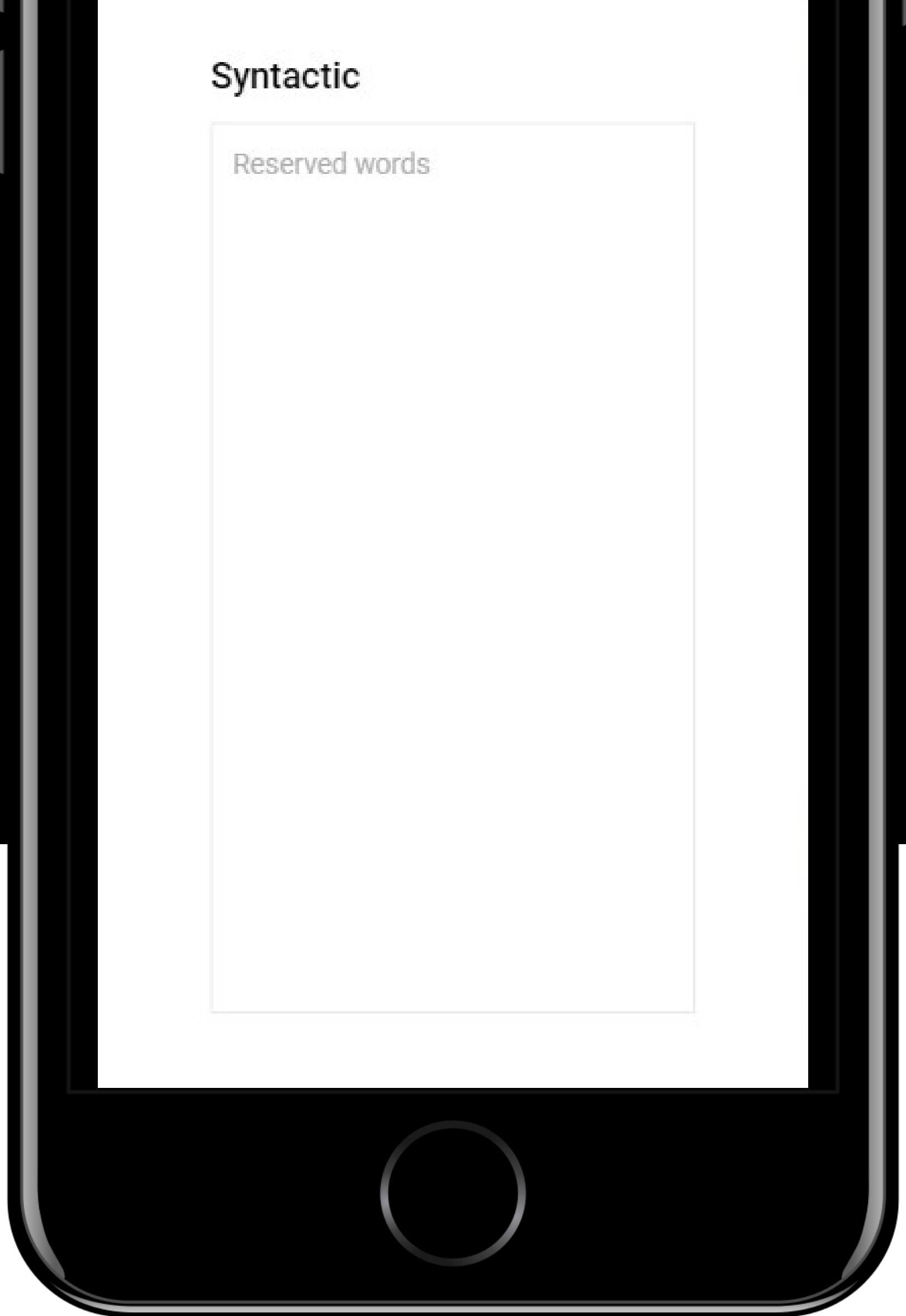
Lexical

Reserved words

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### Purpose of the Lexical/Syntactic Analyzer:

The Lexical/Syntactic Analyzer serves as a fundamental tool in the field of software development and programming. Its primary purpose is to analyze and validate the structure and syntax of source code written in programming languages.

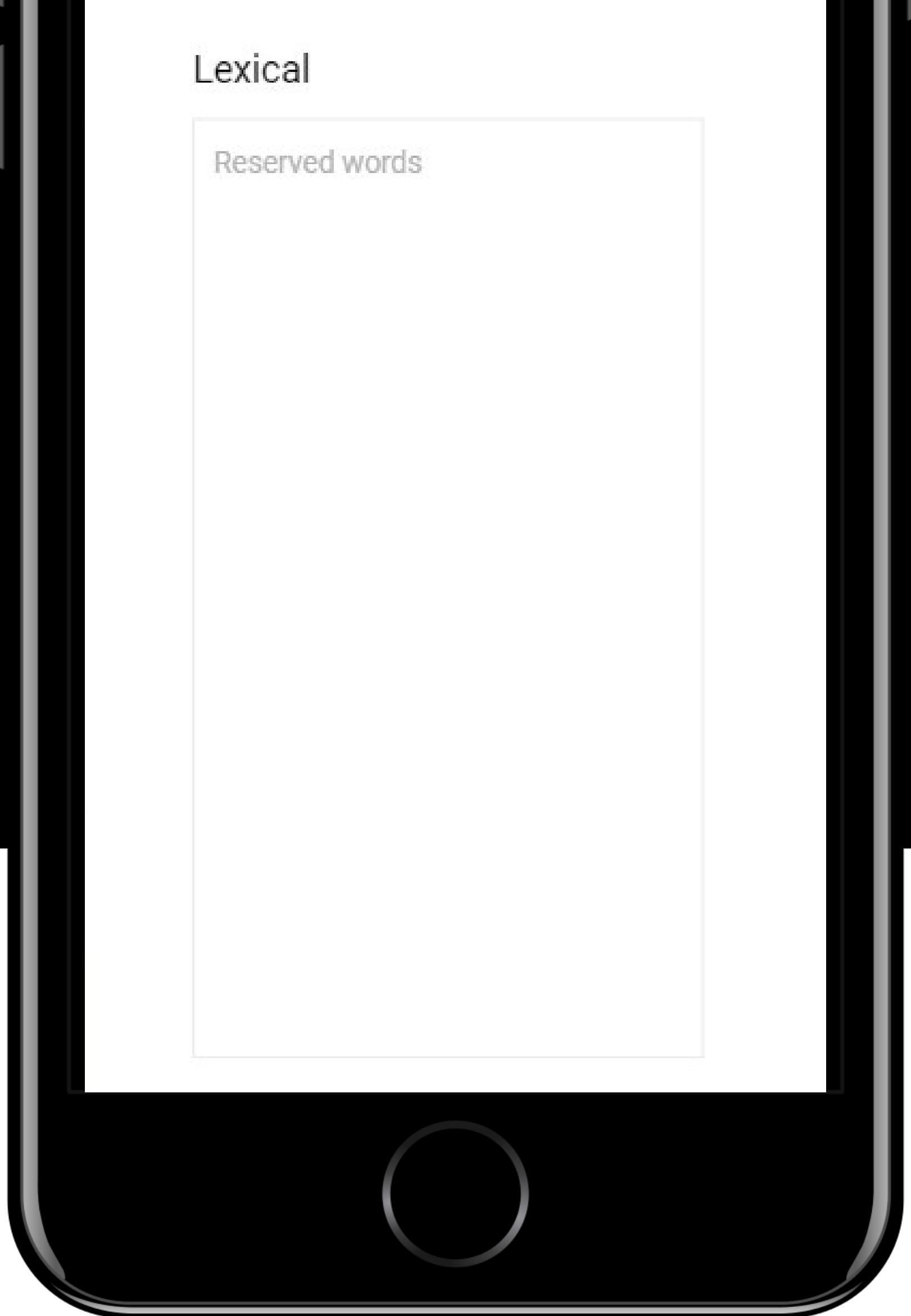


# 05

**Description:** In this section, you will find a list of reserved words and symbols specifically related to the syntactic analysis mode. These reserved words and symbols are essential for defining the syntax of the code you're analyzing.

**Usage:** To make the most of this section:

- *Refer to the list on the left to identify and understand syntax-related keywords and symbols.*
- *Ensure that your code conforms to the syntax rules provided in this list to avoid syntactic errors.*

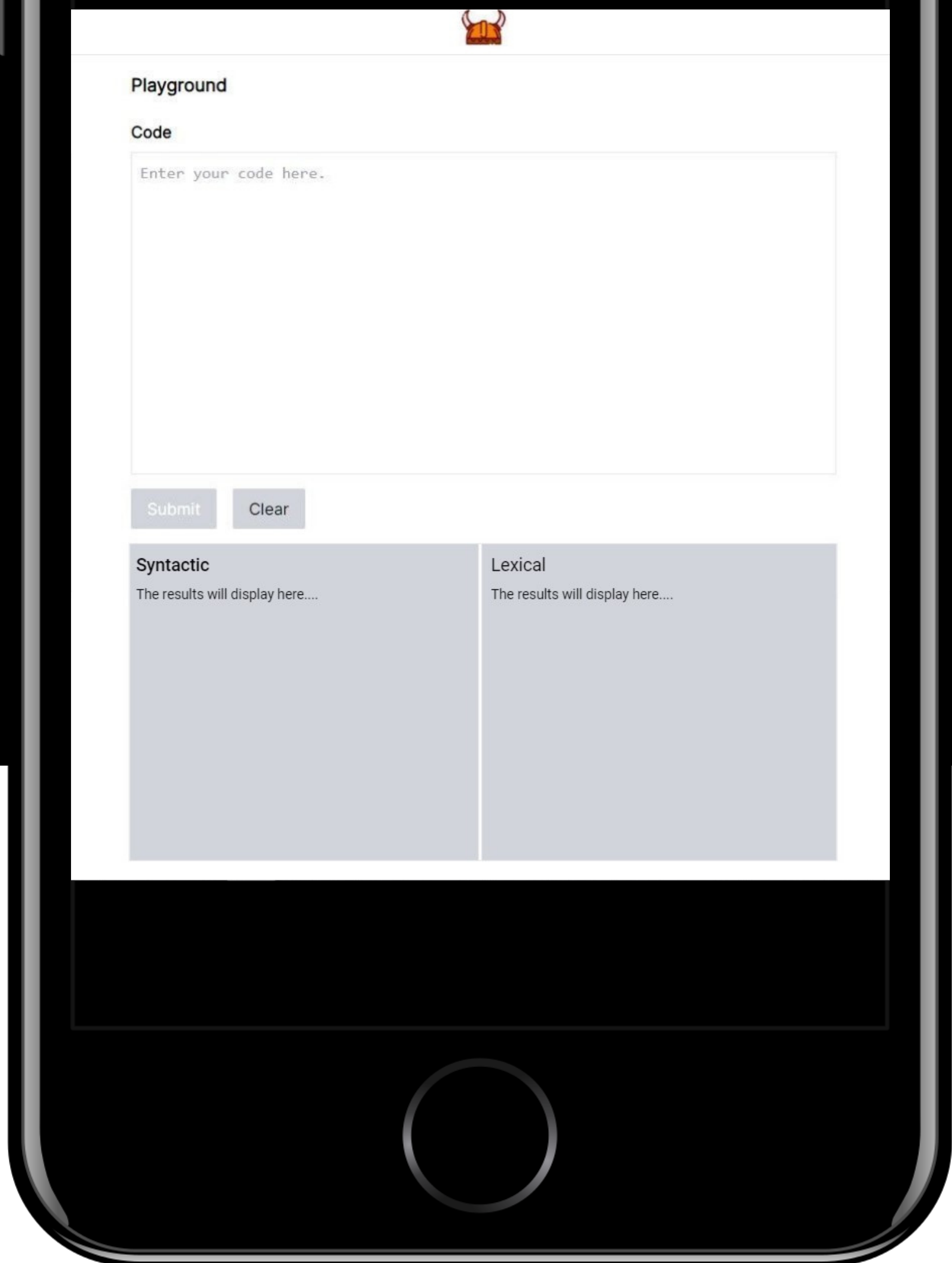


# 06

**Description:** This section contains a list of reserved words and symbols relevant to the lexical analysis mode. These reserved words are critical for identifying and tokenizing the elements of your code.

**Usage:** To effectively use this section:

- *Consult the list on the right to recognize and utilize lexical-related keywords and symbols.*
- *These words are important for correctly breaking down your code into meaningful tokens.*



# 07

**Description:** The Analysis Results section is located at the bottom center of the interface and displays the outcomes of the analysis. It presents the results in a tabular format with two columns: one for syntactic analysis and one for lexical analysis.

**Usage:** To understand and act upon the analysis results:

- *Examine the table in the Analysis Results section.*
- *The left column typically displays the syntactic analysis results, while the right column shows lexical analysis results.*
- *Look for error messages, warnings, or information related to your code's syntax and lexical structure.*