

Project Prototype

Group Name: WALIB

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Project Title: CodeSense – A Programming Statement Detector

CodeSense is a WinForms Application that can detect what kind of programming statement the user will enter using lexical analyzer. It can identify various types of statements, including keywords, variables, operators, etc. This app is designed to support and help users on improving their coding skills and accuracy.


Home Page:

This Page is the home page of the app. It will show the App name and the description tagline. The user just needs to click the “Get Started” button in order to proceed to the next page.



Programming Language Selection Page:

This page will show all the programming languages the user can select for statement detection. The Choices includes popular programming languages such as java, python, c#, and C++. The user just need to click the select button of the programming language to proceed.



The screenshot shows a Windows application window titled "Form2". The window has a standard Windows title bar with minimize, maximize, and close buttons. The main content area has a light gray background. At the top, there is a title box with the text ***PROGRAMMING LANGUAGES***. Below this, the text "Select a Programming Language" is centered. There are four language selection options arranged horizontally:

- Java**: Represented by the Java logo (a white square with a blue flame). Below the logo is a blue button labeled "Select".
- Python**: Represented by the Python logo (two interlocking snakes, one blue and one yellow). Below the logo is a blue button labeled "Select".
- C#**: Represented by the C# logo (a purple hexagon with a white 'C' and a white '#'). Below the logo is a blue button labeled "Select".
- C++**: Represented by the C++ logo (a blue hexagon with a white 'C' and two white '+'). Below the logo is a blue button labeled "Select".

Statement Analyzation/Detecting Page:

This is the main page of the app where the user can enter a statement, and the app will accurately analyze and detect what kind of statement it is in programming. It can detect if it's a variable, keyword, operator, etc.

