

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.

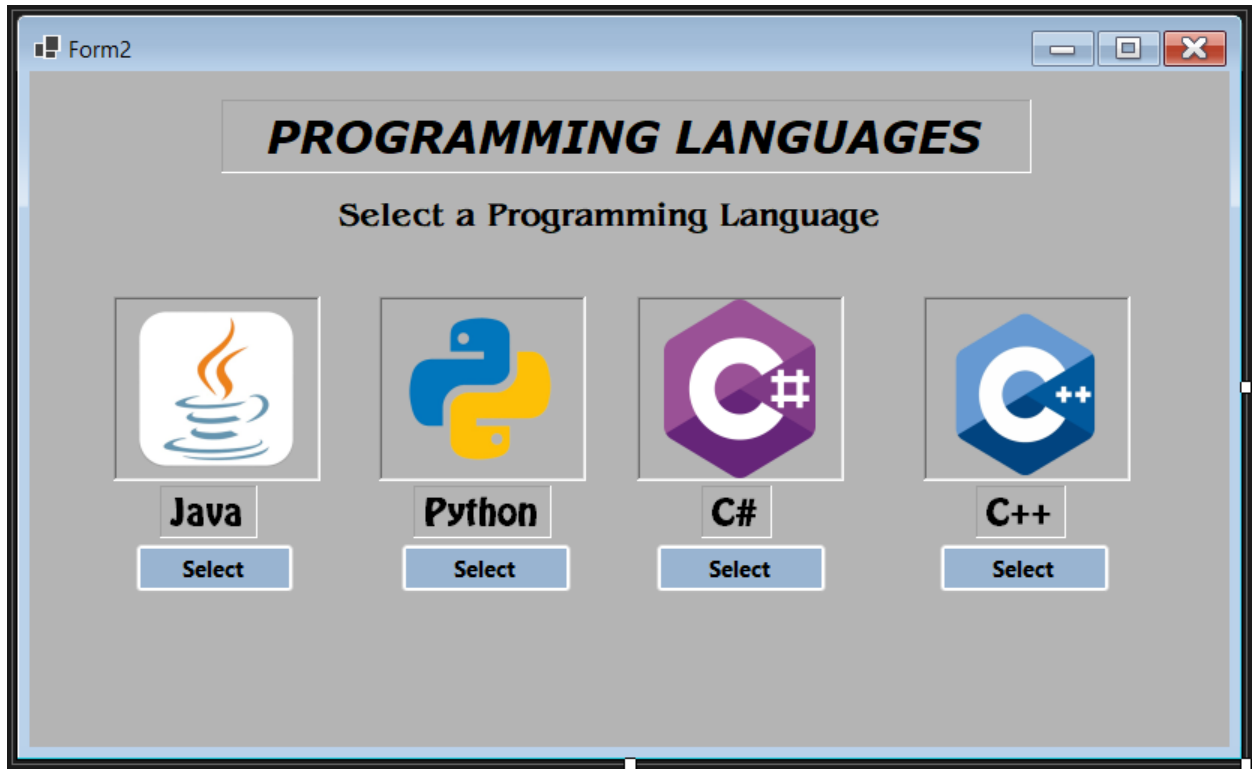
Home Page:

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 two programming languages, Python 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 "PROGRAMMING LANGUAGES" in bold, italicized black font, enclosed in a thin gray border. Below the title, the text "Select a Programming Language" is displayed in a standard black font. There are four language selection options arranged horizontally. Each option consists of a language logo in a square frame, the language name in a small gray box, and a blue "Select" button below it. The languages are Java (orange flame logo), Python (blue and yellow logo), C# (purple hexagon logo), and C++ (blue hexagon logo).

Language	Logo	Select Button
Java		Select
Python		Select
C#		Select
C++		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.

