

Lexer (Assignment 1)

The Project Group

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The Language

1. Source language **S** for compiler is **c++**.
2. Some features in the language that distinguish it from vanilla "C" language:
 - Auto Type Inference
 - Basic Class features
 - Vector (c++ stl)
 - Templates(c++)
 - Anonymous Function
 - Strings
 - Function Overloading
 - Python like **in** keyword support
3. Implementation Language (**I**) is **python** and target language (**T**) is **x86-64**