

OBJECTIVE

Convert c code into LLVM

ACHIEVED

Converted c code into JAVASCRIPT

LEXER :::

It tokenises binary operators, logical operator, conditional operator , constants variables , repeatative loop like while and even function call with variable number of arguments and declaration and gives position of tokens from begining as well.

AST

It contains the types and datatype needed for abstract syntax

PARSER

t takes the tokens lexed by lexer and using C_ast.sml and C.grm it converts it into abstract tree

INTERMEDIATE_CODE GENERATOR

It takes output of PARSER and changes into IR code i.e javascript