A Very Small Portion of the C++ Syntax Grammar

program = declaration-seq

declaration-seq = declaration | declaration-seq declaration

declaration = function-definition | template-declaration
linkage-specification | namespace-definition
using-directive

function-definition = function-prototype compound-statement

compound-statement = \{\} | \{ statement-seq \}

statement-seq = statement | statement-seq statement

statement = labeled-statement | expression-statement
compound-statement | selection-statement
iteration-statement | declaration-statement
try-block

selection-statement = if ( condition ) statement
if ( condition ) statement else statement
switch ( condition ) statement