

Grammar Tuple: (V, Σ , R, S)

V = Non-Terminals = {S, SourceFile, PackageDeclarationRest, ImportDeclaration, MainBody, Body, TopLevelDeclaration, MainFunc, PackageIdentifier, Command}

Σ = Terminals = Tokens (see "Tokens" subfolder)

S = Starting Variable = S

R = Production Rules (as following):

S	-> SourceFile
SourceFile	-> ^package\$ PackageDeclarationRest
PackageDeclarationRest	-> ^main\$ [;] ImportDeclaration MainBody PackageIdentifier [;] ImportDeclaration Body
ImportDeclaration	-> ϵ
MainBody	-> TopLevelDeclaration MainFunc TopLevelDeclaration
Body	-> TopLevelDeclaration
TopLevelDeclaration	-> ϵ
MainFunc	-> ^func\$ ^main\$ [(] [)] [{] Command [}]
PackageIdentifier	-> [a-zA-Z] [_a-zA-Z][_a-zA-Z0-9][_a-zA-Z0-9]*
Command	-> ϵ