Compiladores Laboratorio 18

Objetivo

Implementar la generación de código para una gramática con funciones.

Programa

```
• Program ::= VarDecList FunDecList
VarDecList ::= (VarDec)*
• FunDecList ::= (FunDec)+
• FunDec ::= fun Type id ([ParamDecList] ) Body endfun

    Body ::= VarDecList StmtList

   ParamDecList ::= Type id (, Type id)*
  VarDec ::= var Type VarList;
• Type ::= id

    VarList :: id (,id)*

StmtList ::= Stmt (; Stmt)*
  Stmt ::= id = CExp |
       o print (CExp)
       o if CExp then Body [else Body] endif
       o while CExp do Body endwhile
       o return ( [CExp] )
• CExp ::= Exp [(<) Exp]
Exp ::= Term ((+ | -) Term)*
• Term ::= Factor ((* | /) Factor)*
Factor ::= id | Num | Bool | (Exp) | ifexp (CExp, CExp, CExp) | id ([ArgList])
ArgList ::= CExp (, CExp)*
• Bool ::= true | false
```

Problema

Completar los GenCodeVisitor para la clase FunDec*, ReturnStatement* y FCallExp*.