2013-12-10

Procedures

<declaration> ->

<var …… >

<label ….. >

<procedure ….. >

Var x,y,z

Procedure p;

Begin

X := y + z;

End;

Begin

P; //go to 2 below:

End;

**1**

<procedure decl> 🡪

Procedure <name> [args];

[ <declaration> ]

[begin-statement]

P TK\_A\_PROC, addr 🡨 ip

**2**

<statement> ->

<proccall>

(TK\_A\_PROC)

Call P

Save IP to stack

Jmp P

Ret

Restore IP from stack