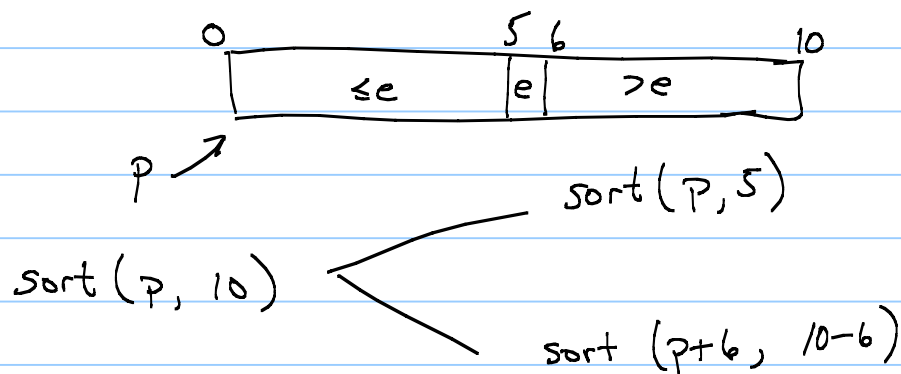


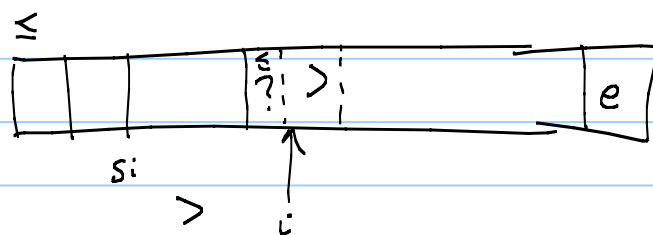
Compiling, Assembling, Linking and Loading

10/3/2008

Note Title

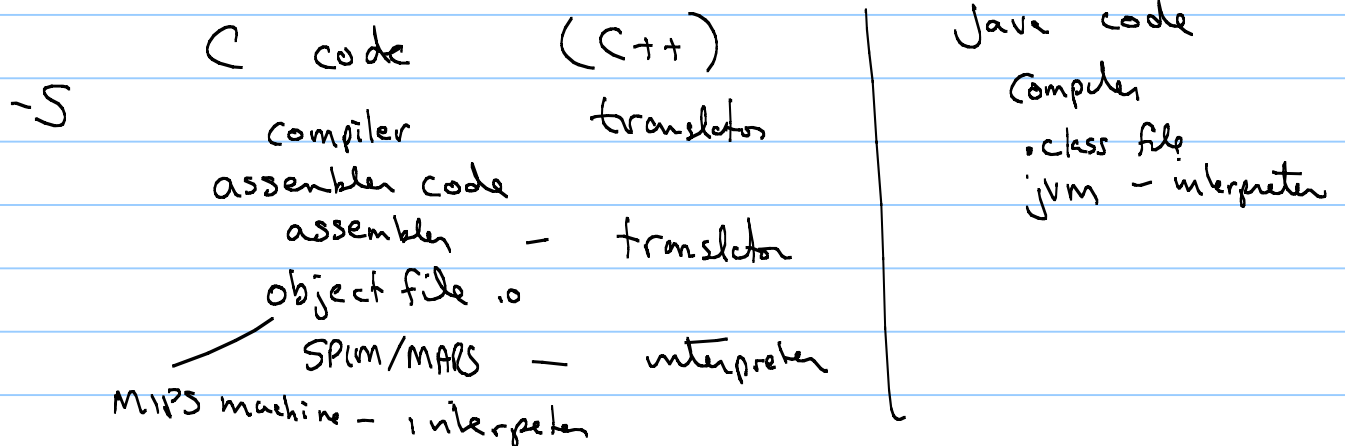
10/3/2008





Def'n: An interpreter is a program (or hardware device) that executes other programs.

Def'n: A translator is a program that transforms programs in one language to programs in another language with same meaning.



Why interpret vs translate

Assembler: translate the text assembly code into a file of binary numbers.

add, shift, multiply, ...

addiu \$t3, \$t2, 10

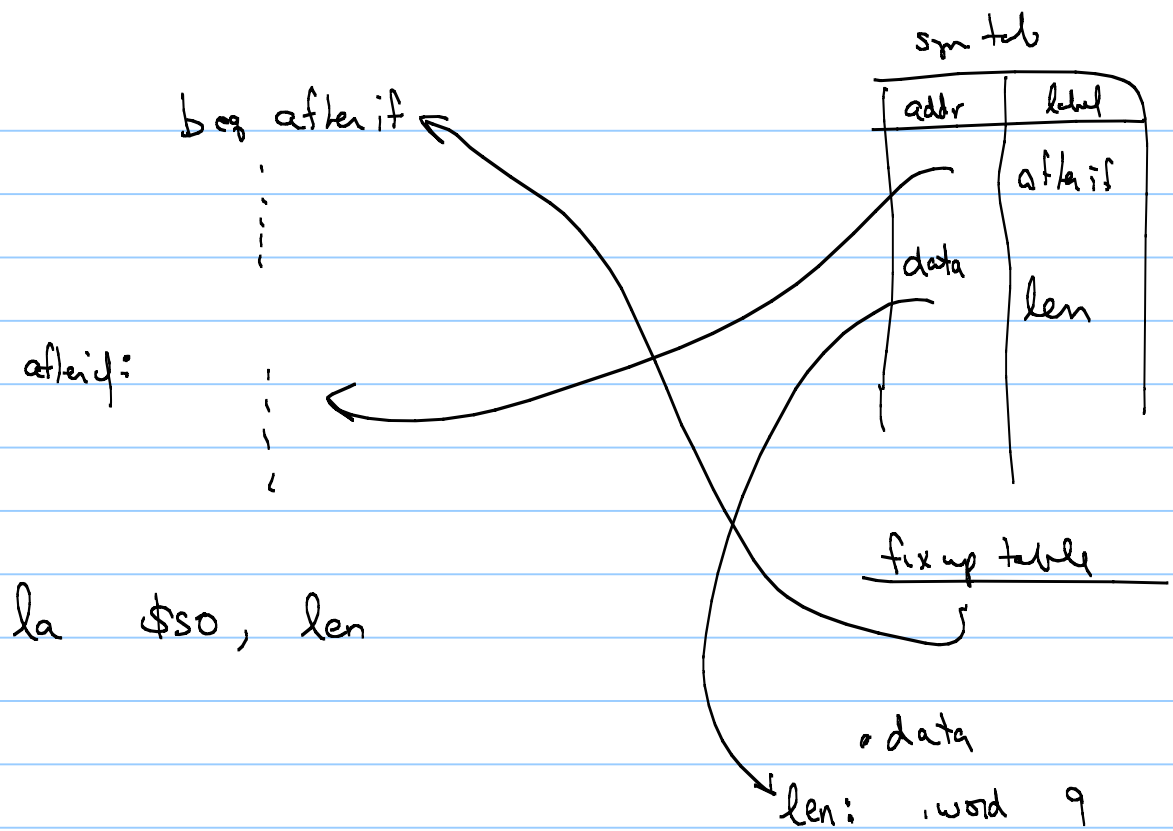
Symbol table

l1:

:

bne l1

address	label
	l1



What about Separate Compilation?

f1.c
cc

f2.c
cc

f3.c
cc

f1.o

f2.o

f3.o

