Assembly Language

High-level Language

C/Java Compiler

temp

v[k]

lw \$to,

= v[k];

= v[k+1];

= temp;



MIPS Assembler

Machine Language

4(\$2)

4(\$2) 0(\$2)

0(\$2)

V(K+1) = TEMP

= V(K)

= V(K+1)

Fortran Compiler

