```
*Program basic block go.ss*
Index nr:1023
Start address: 0x00409750
End address: 0x004097b0
Number of instructions: 12

  409750:       28 00 00 00     lw $13,64($29)
  409754:       40 00 0d 1d
  409758:       28 00 00 00     lw $12,72($29)
  40975c:       48 00 0c 1d
  409760:       28 00 00 00     lw $4,-31412($28)
  409764:       4c 85 04 1c
  409768:       55 00 00 00     sll $2,$13,0x2
  40976c:       02 02 0d 00
  409770:       55 00 00 00     sll $3,$12,0x2
  409774:       02 03 0c 00
  409778:       a2 00 00 00     lui $20,4104
  40977c:       08 10 14 00
  409780:       42 00 00 00     addu $20,$20,$2
  409784:       00 14 02 14
  409788:       28 00 00 00     lw $20,-28480($20)
  40978c:       c0 90 14 14
  409790:       a2 00 00 00     lui $30,4104
  409794:       08 10 1e 00
  409798:       42 00 00 00     addu $30,$30,$3
  40979c:       00 1e 03 1e
  4097a0:       28 00 00 00     lw $30,-28480($30)
  4097a4:       c0 90 1e 1e
  4097a8:       06 00 00 00     bne $22,$4,409848 <findbestextension+0xe48>

Vliw_file1:
2                       1           1           1
nop         nop         0x00409790 0x00409778 0x00409750
0x00409768 nop          nop         nop         0x00409758
0x00409780 0x00409770 nop         nop         0x00409760
0x004097a8 0x00409798 nop         nop         0x00409788
nop         nop         nop         nop         0x004097a0

Vliw_file2:
3                                   1           1           2
nop         nop         nop         0x00409790 0x00409778 0x00409750 0x00409758
0x00409768 0x00409770 nop         nop         nop         0x00409760 nop
0x00409780 0x00409798 0x004097a8 nop         nop         nop         nop
nop         nop         nop         nop         nop         0x004097a0 0x00409788

Graph_file:
0x00409750 0x00409768
0x00409758 0x00409770
0x00409760 0x004097a8
0x00409778 0x00409780
0x00409778 0x00409788
0x00409790 0x00409798
0x00409790 0x004097a0
0x00409768 0x00409780
0x00409770 0x00409798
0x00409780 0x00409788
0x00409798 0x004097A0
```

```
Results vliw_file1:
ALU cost:       2 x 2.000000 = 4.000000
MUL cost:       1 x 16.000000 = 16.000000
FPU cost:       1 x 32.000000 = 32.000000
Bus access cost:    1 x 100.000000 = 100.000000
Total hardware cost:    152.000000
Performance:        5 cycles
Cost-performance ratio: 760.000000

Results vliw_file2:
ALU cost:       3 x 2.000000 = 6.000000
MUL cost:       1 x 16.000000 = 16.000000
FPU cost:       1 x 32.000000 = 32.000000
Bus access cost:    2 x 100.000000 = 200.000000
Total hardware cost:    254.000000
Performance:        4 cycles
Cost-performance ratio: 1016.000000
```