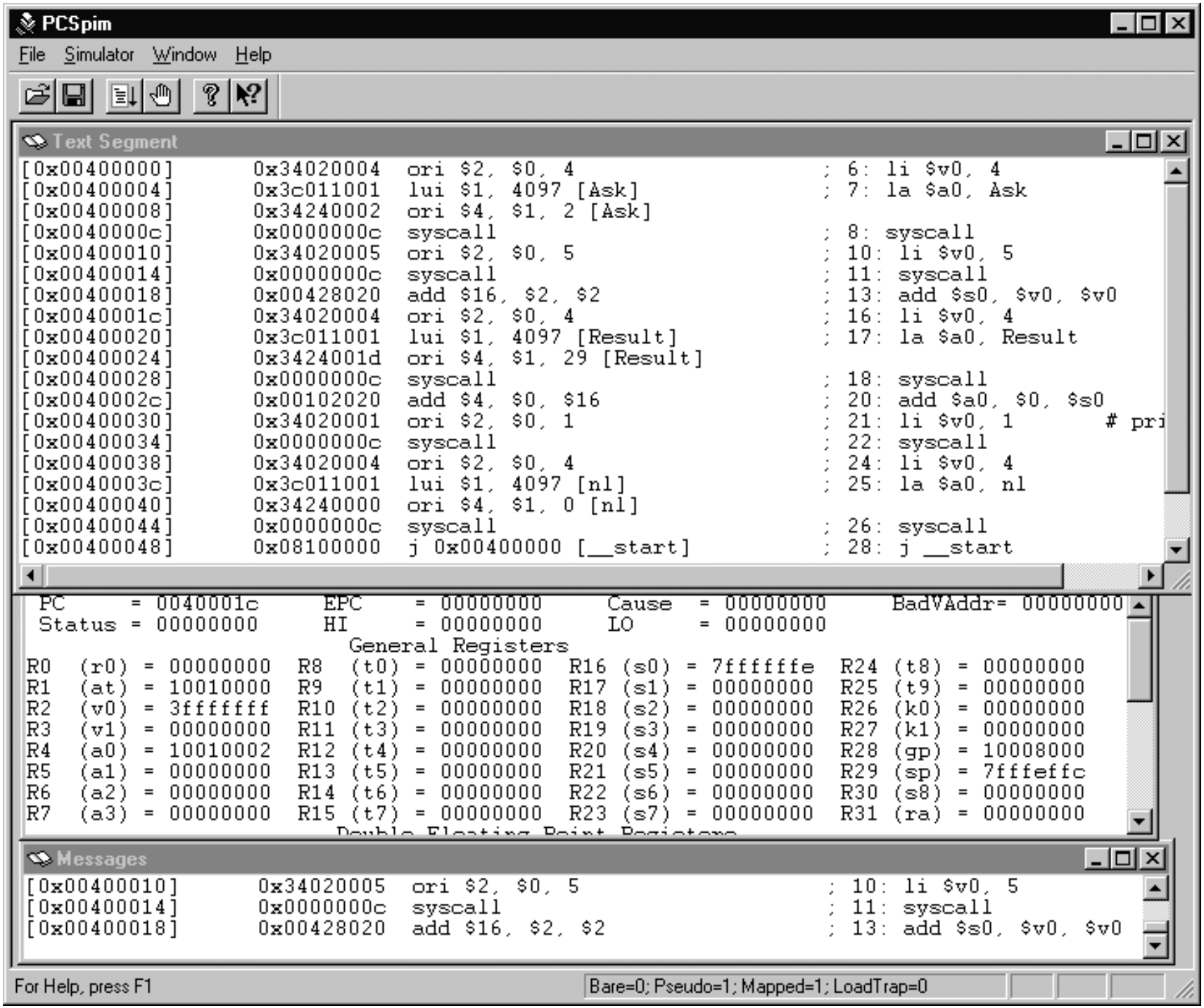
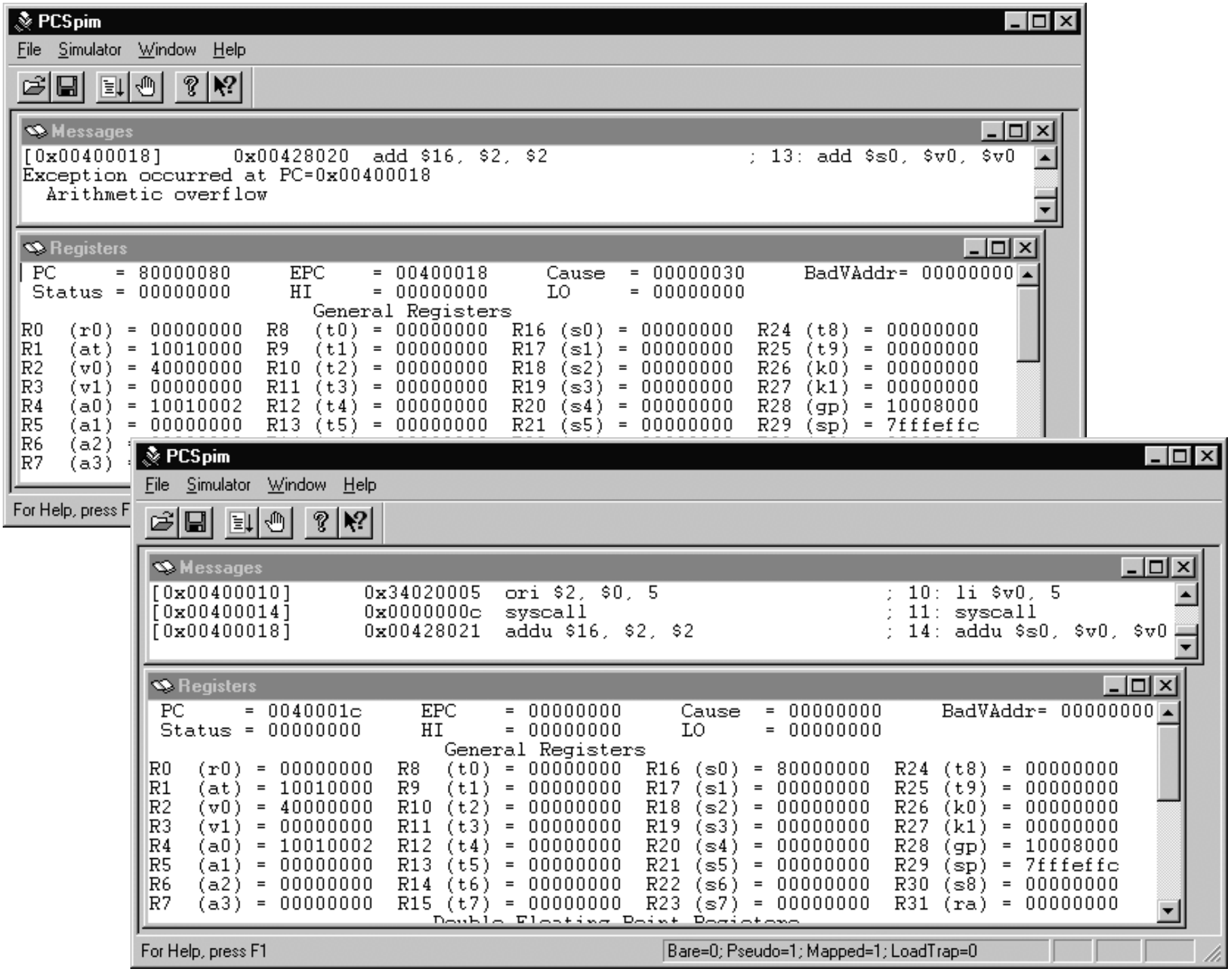

PCSpim
File Simulator Window Help
Text Segment
[0x00400000] 0x34020004 ori $2, $0, 4 ; 6: li $v0, 4
[0x00400004] 0x3c011001 lui $1, 4097 [Ask] ; 7: la $a0, Ask
[0x00400008] 0x34240002 ori $4, $1, 2 [Ask]
[0x0040000c] 0x0000000c syscall ; 8: syscall
[0x00400010] 0x34020005 ori $2, $0, 5 ; 10: li $v0, 5
[0x00400014] 0x0000000c syscall ; 11: syscall
[0x00400018] 0x00428020 add $16, $2, $2 ; 13: add $s0, $v0, $v0
[0x0040001c] 0x34020004 ori $2, $0, 4 ; 16: li $v0, 4
[0x00400020] 0x3c011001 lui $1, 4097 [Result] ; 17: la $a0, Result
[0x00400024] 0x3424001d ori $4, $1, 29 [Result]
[0x00400028] 0x0000000c syscall ; 18: syscall
[0x0040002c] 0x00102020 add $4, $0, $16 ; 20: add $a0, $0, $s0
[0x00400030] 0x34020001 ori $2, $0, 1 ; 21: li $v0, 1 # pri
[0x00400034] 0x0000000c syscall ; 22: syscall
[0x00400038] 0x34020004 ori $2, $0, 4 ; 24: li $v0, 4
[0x0040003c] 0x3c011001 lui $1, 4097 [nl] ; 25: la $a0, nl
[0x00400040] 0x34240000 ori $4, $1, 0 [nl]
[0x00400044] 0x0000000c syscall ; 26: syscall
[0x00400048] 0x08100000 j 0x00400000 [__start] ; 28: j __start
PC = 0040001c EPC = 00000000 Cause = 00000000 BadVAddr= 00000000
Status = 00000000 HI = 00000000 LO = 00000000
General Registers
R0 (r0) = 00000000 R8 (t0) = 00000000 R16 (s0) = 7ffffffe R24 (t8) = 00000000
R1 (at) = 10010000 R9 (t1) = 00000000 R17 (s1) = 00000000 R25 (t9) = 00000000
R2 (v0) = 3fffffff R10 (t2) = 00000000 R18 (s2) = 00000000 R26 (k0) = 00000000
R3 (v1) = 00000000 R11 (t3) = 00000000 R19 (s3) = 00000000 R27 (k1) = 00000000
R4 (a0) = 10010002 R12 (t4) = 00000000 R20 (s4) = 00000000 R28 (gp) = 10008000
R5 (a1) = 00000000 R13 (t5) = 00000000 R21 (s5) = 00000000 R29 (sp) = 7fffeffc
R6 (a2) = 00000000 R14 (t6) = 00000000 R22 (s6) = 00000000 R30 (s8) = 00000000
R7 (a3) = 00000000 R15 (t7) = 00000000 R23 (s7) = 00000000 R31 (ra) = 00000000
Messages
[0x00400010] 0x34020005 ori $2, $0, 5 ; 10: li $v0, 5
[0x00400014] 0x0000000c syscall ; 11: syscall
[0x00400018] 0x00428020 add $16, $2, $2 ; 13: add $s0, $v0, $v0
For Help, press F1
Bare=0; Pseudo=1; Mapped=1; LoadTrap=0


PCSpim
File Simulator Window Help
Messages
[0x00400018] 0x00428020 add $16, $2, $2 ; 13: add $s0, $v0, $v0
Exception occurred at PC=0x00400018
Arithmetic overflow
Registers
PC = 80000080 EPC = 00400018 Cause = 00000030 BadVAddr= 00000000
Status = 00000000 HI = 00000000 LO = 00000000
General Registers
R0 (r0) = 00000000 R8 (t0) = 00000000 R16 (s0) = 00000000 R24 (t8) = 00000000
R1 (at) = 10010000 R9 (t1) = 00000000 R17 (s1) = 00000000 R25 (t9) = 00000000
R2 (v0) = 40000000 R10 (t2) = 00000000 R18 (s2) = 00000000 R26 (k0) = 00000000
R3 (v1) = 00000000 R11 (t3) = 00000000 R19 (s3) = 00000000 R27 (k1) = 00000000
R4 (a0) = 10010002 R12 (t4) = 00000000 R20 (s4) = 00000000 R28 (gp) = 10008000
R5 (a1) = 00000000 R13 (t5) = 00000000 R21 (s5) = 00000000 R29 (sp) = 7fffeffc
R6 (a2)
R7 (a3)
For Help, press F
PCSpim
File Simulator Window Help
Messages
[0x00400010] 0x34020005 ori $2, $0, 5 ; 10: li $v0, 5
[0x00400014] 0x0000000c syscall ; 11: syscall
[0x00400018] 0x00428021 addu $16, $2, $2 ; 14: addu $s0, $v0, $v0
Registers
PC = 0040001c EPC = 00000000 Cause = 00000000 BadVAddr= 00000000
Status = 00000000 HI = 00000000 LO = 00000000
General Registers
R0 (r0) = 00000000 R8 (t0) = 00000000 R16 (s0) = 80000000 R24 (t8) = 00000000
R1 (at) = 10010000 R9 (t1) = 00000000 R17 (s1) = 00000000 R25 (t9) = 00000000
R2 (v0) = 40000000 R10 (t2) = 00000000 R18 (s2) = 00000000 R26 (k0) = 00000000
R3 (v1) = 00000000 R11 (t3) = 00000000 R19 (s3) = 00000000 R27 (k1) = 00000000
R4 (a0) = 10010002 R12 (t4) = 00000000 R20 (s4) = 00000000 R28 (gp) = 10008000
R5 (a1) = 00000000 R13 (t5) = 00000000 R21 (s5) = 00000000 R29 (sp) = 7fffeffc
R6 (a2) = 00000000 R14 (t6) = 00000000 R22 (s6) = 00000000 R30 (s8) = 00000000
R7 (a3) = 00000000 R15 (t7) = 00000000 R23 (s7) = 00000000 R31 (ra) = 00000000
Double Floating Point Registers
For Help, press F1
Bare=0; Pseudo=1; Mapped=1; LoadTrap=0