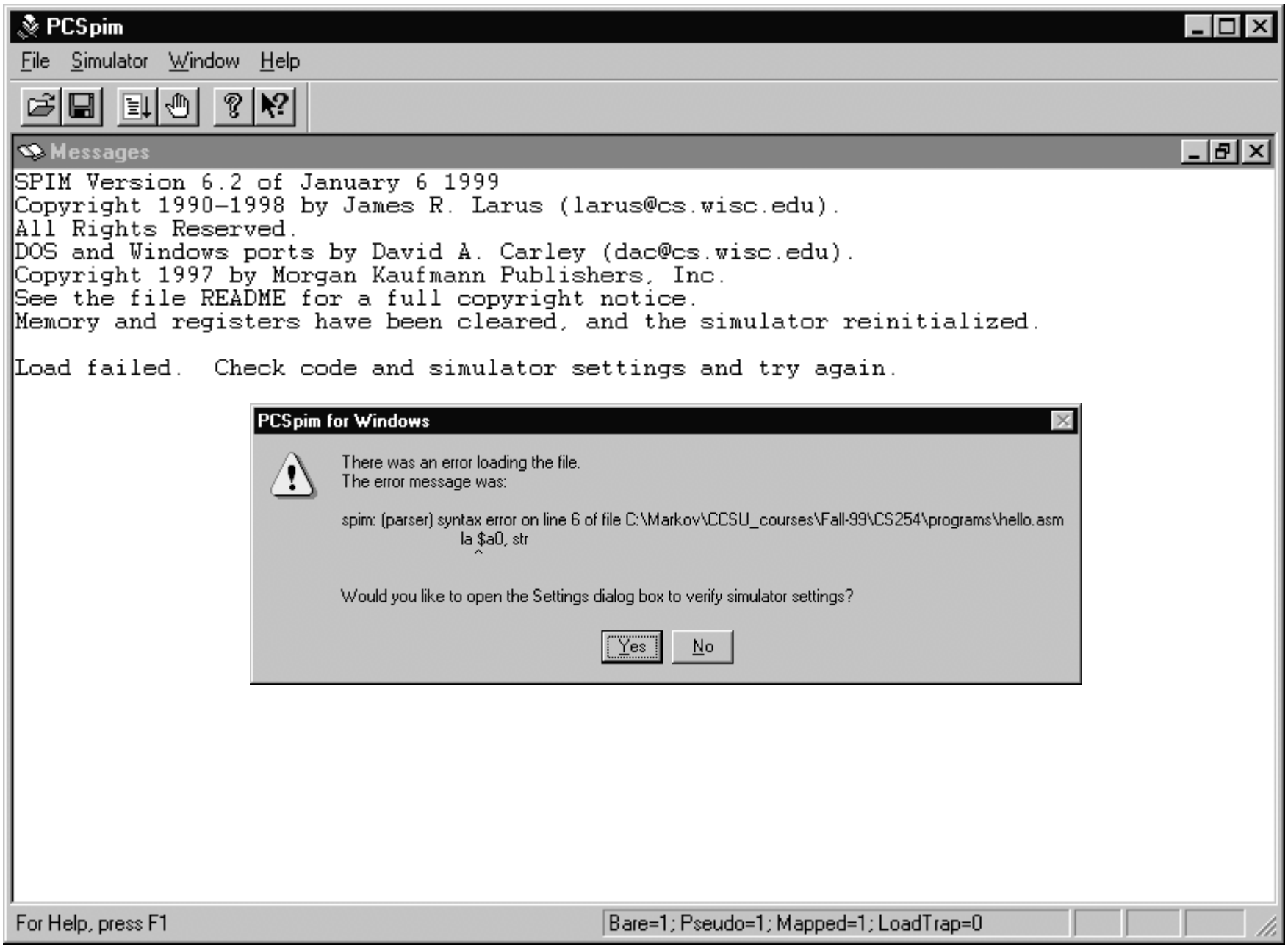
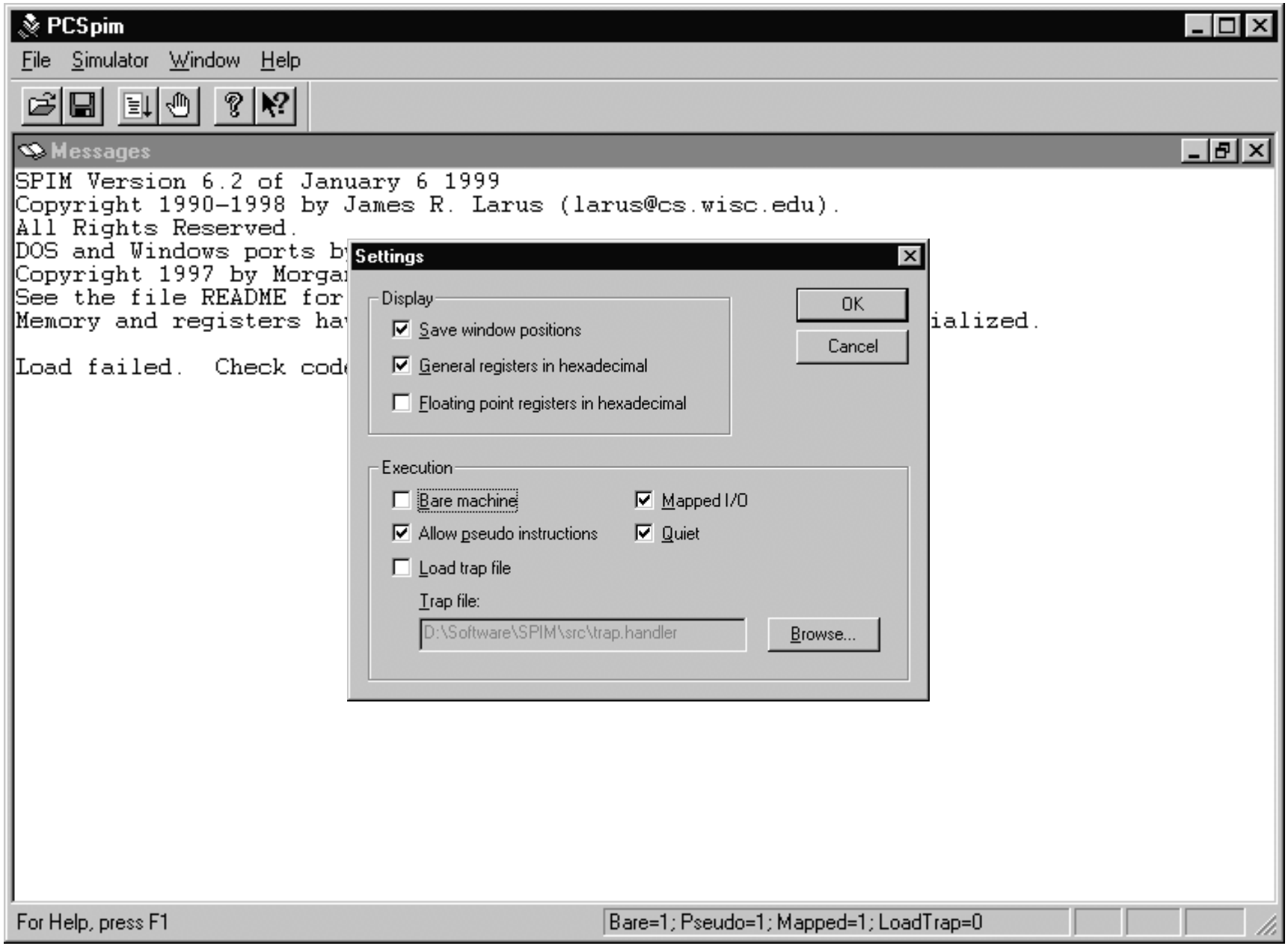
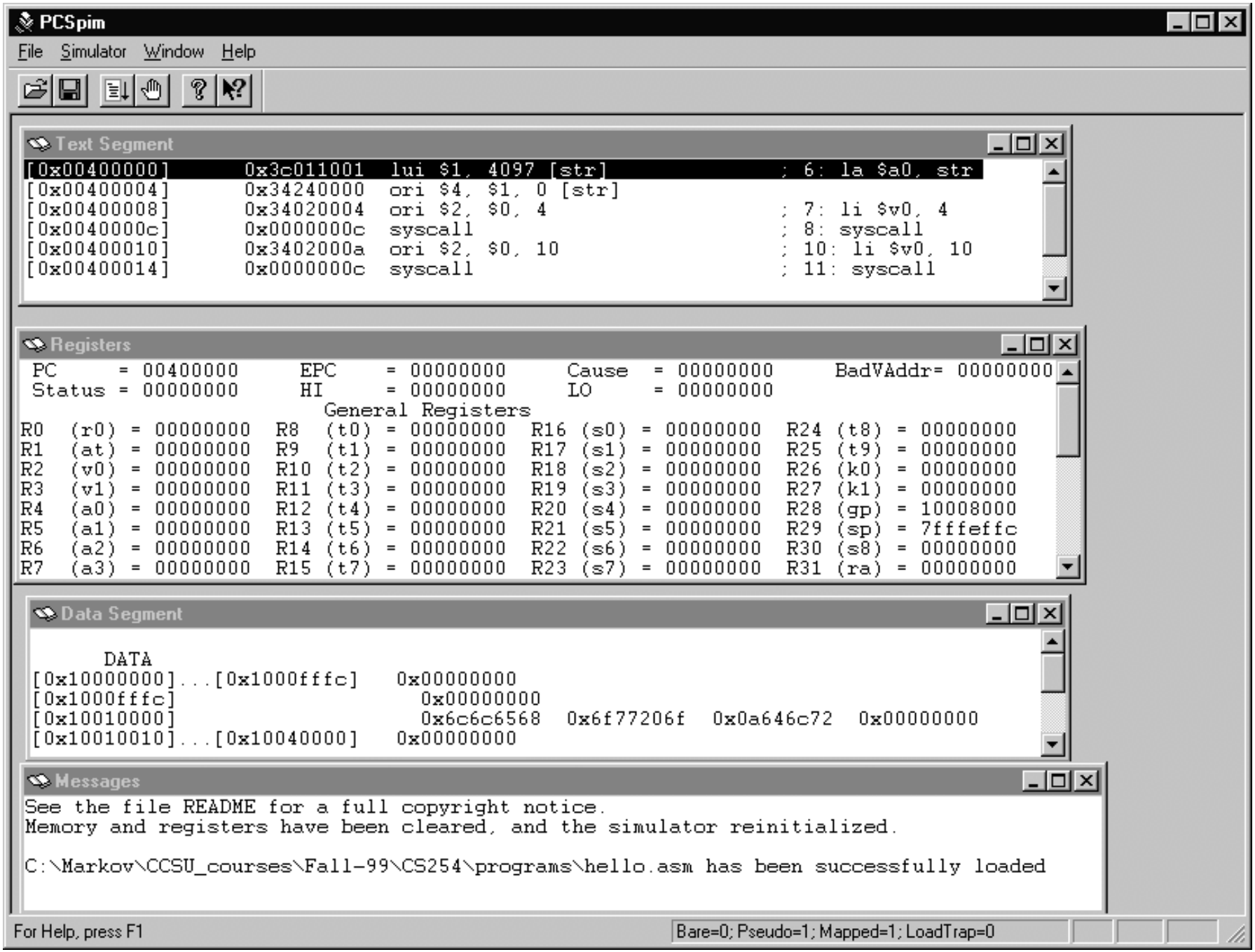
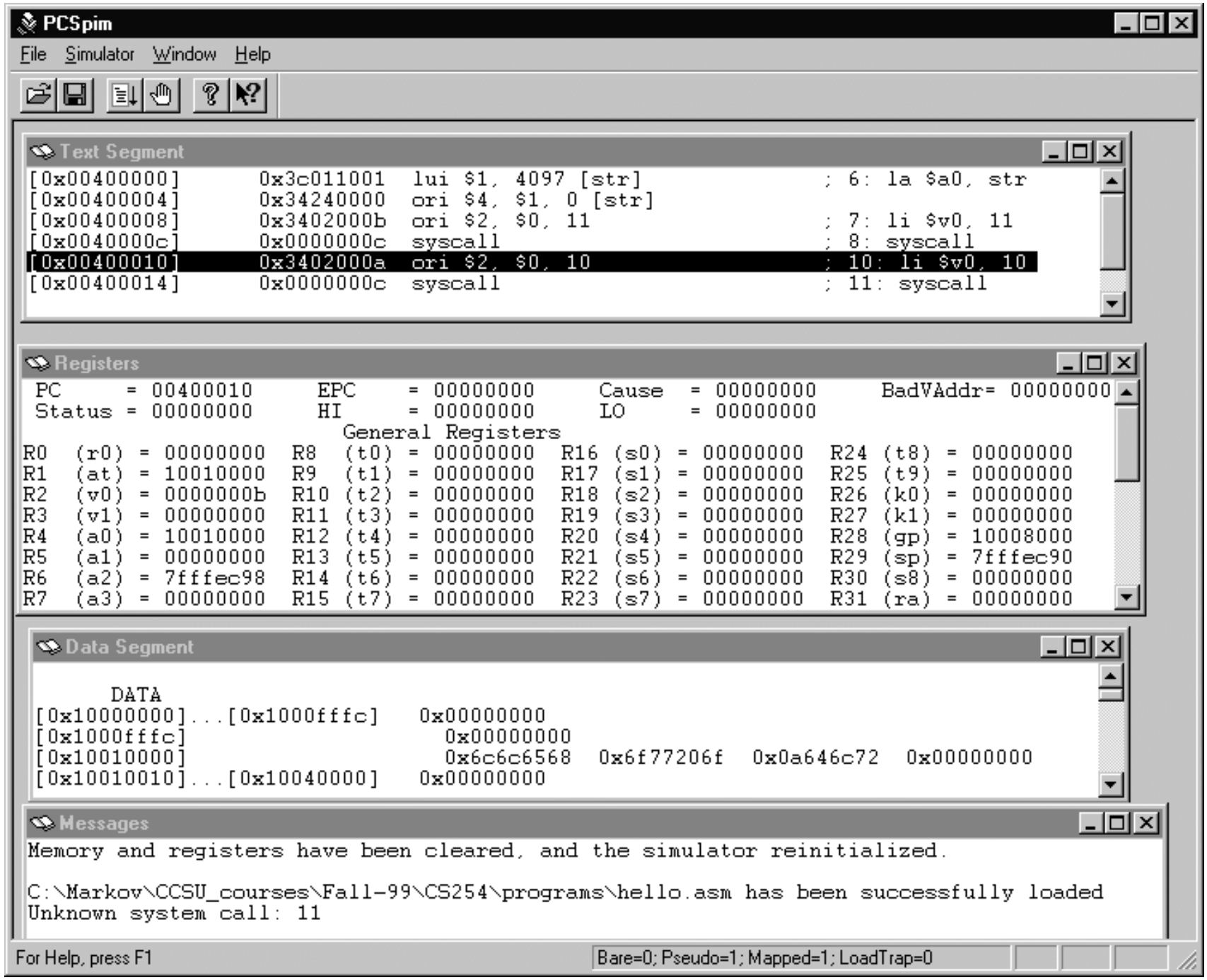
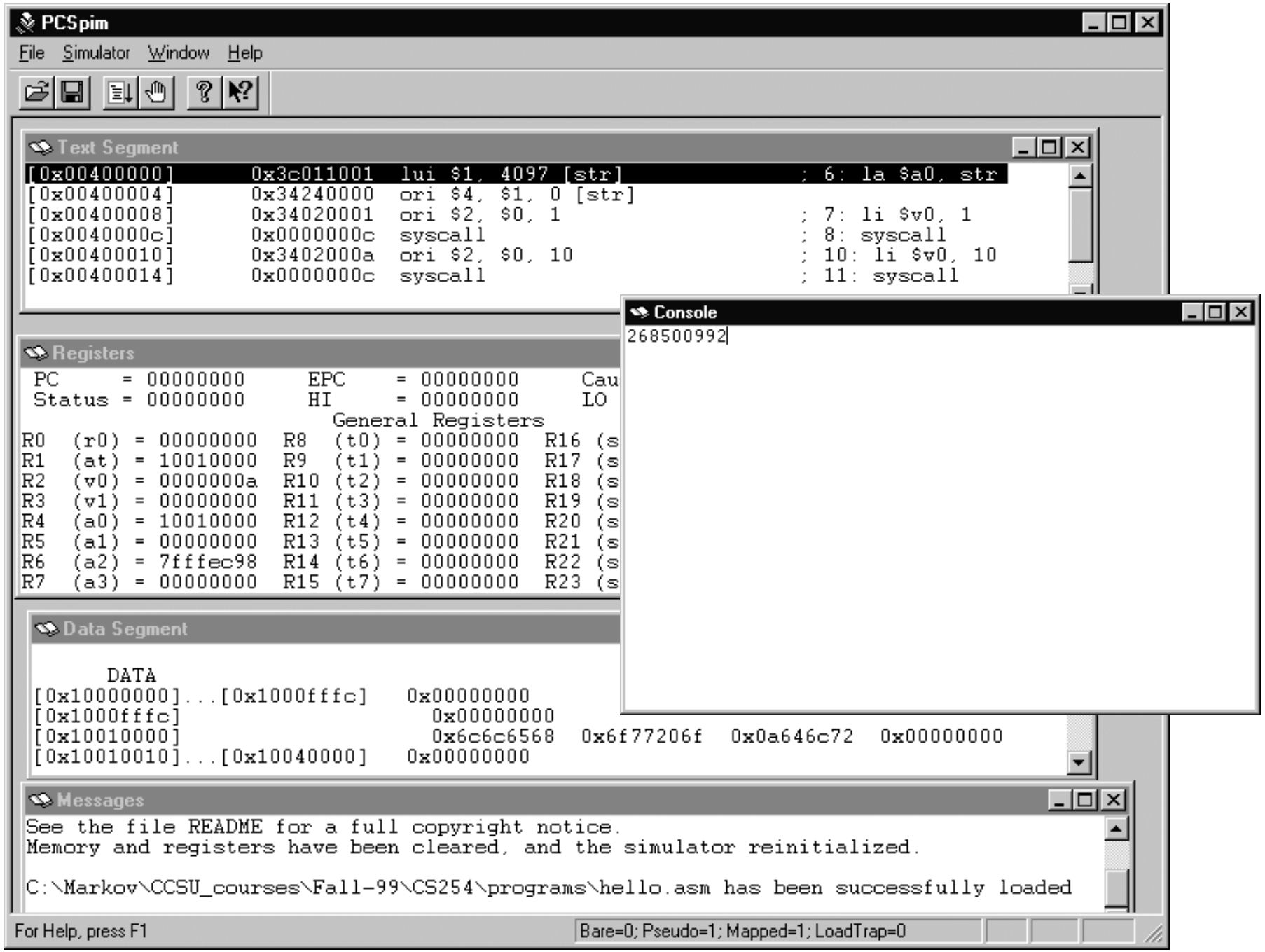
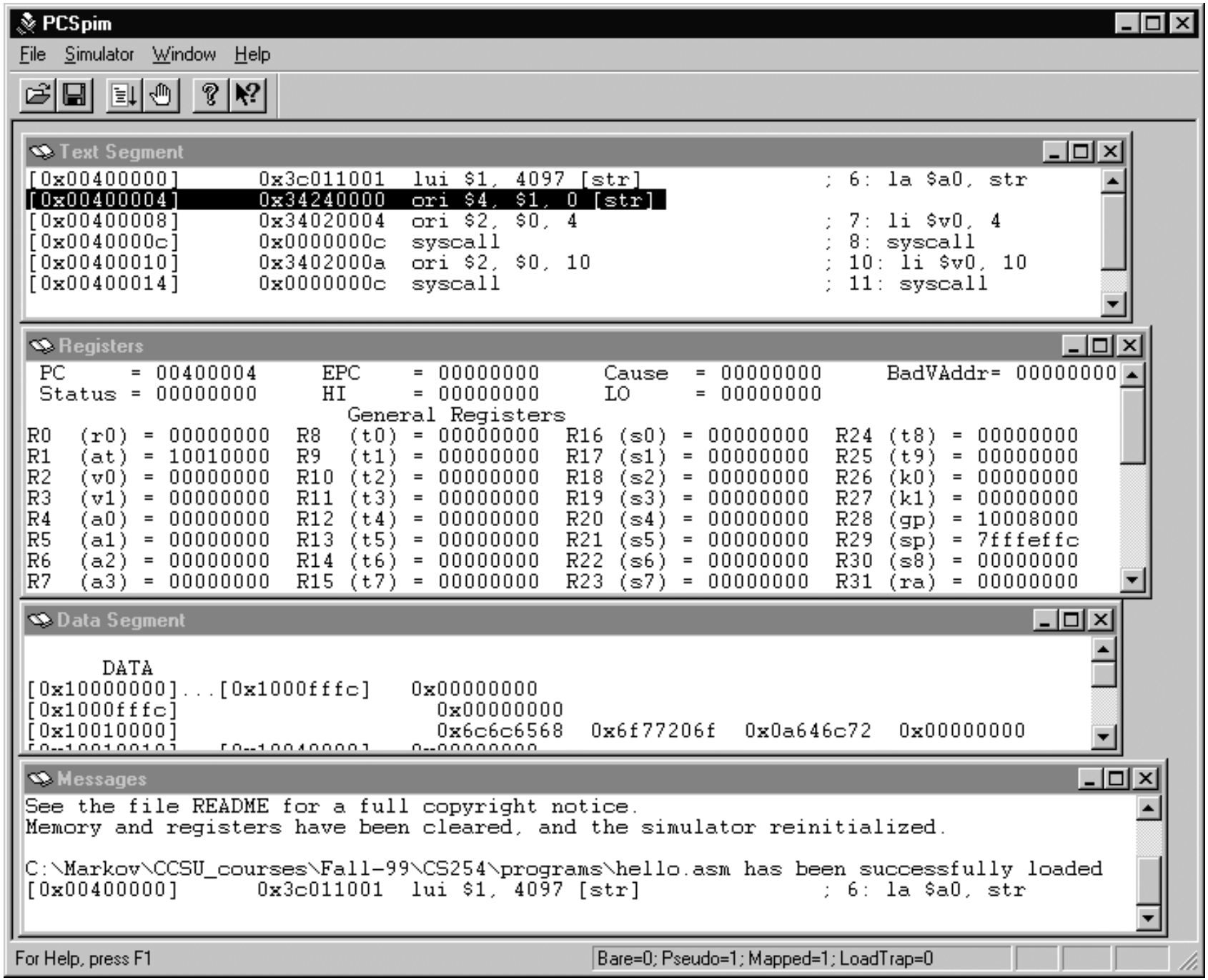

PCSpim
File Simulator Window Help
Messages
SPIM Version 6.2 of January 6 1999
Copyright 1990-1998 by James R. Larus (larus@cs.wisc.edu).
All Rights Reserved.
DOS and Windows ports by David A. Carley (dac@cs.wisc.edu).
Copyright 1997 by Morgan Kaufmann Publishers, Inc.
See the file README for a full copyright notice.
Memory and registers have been cleared, and the simulator reinitialized.
Load failed. Check code and simulator settings and try again.
PCSpim for Windows
There was an error loading the file.
The error message was:
spim: (parser) syntax error on line 6 of file C:\Markov\CCSU_courses\Fall-99\CS254\programs\hello.asm
la $a0, str
Would you like to open the Settings dialog box to verify simulator settings?
Yes
No
For Help, press F1
Bare=1; Pseudo=1; Mapped=1; LoadTrap=0

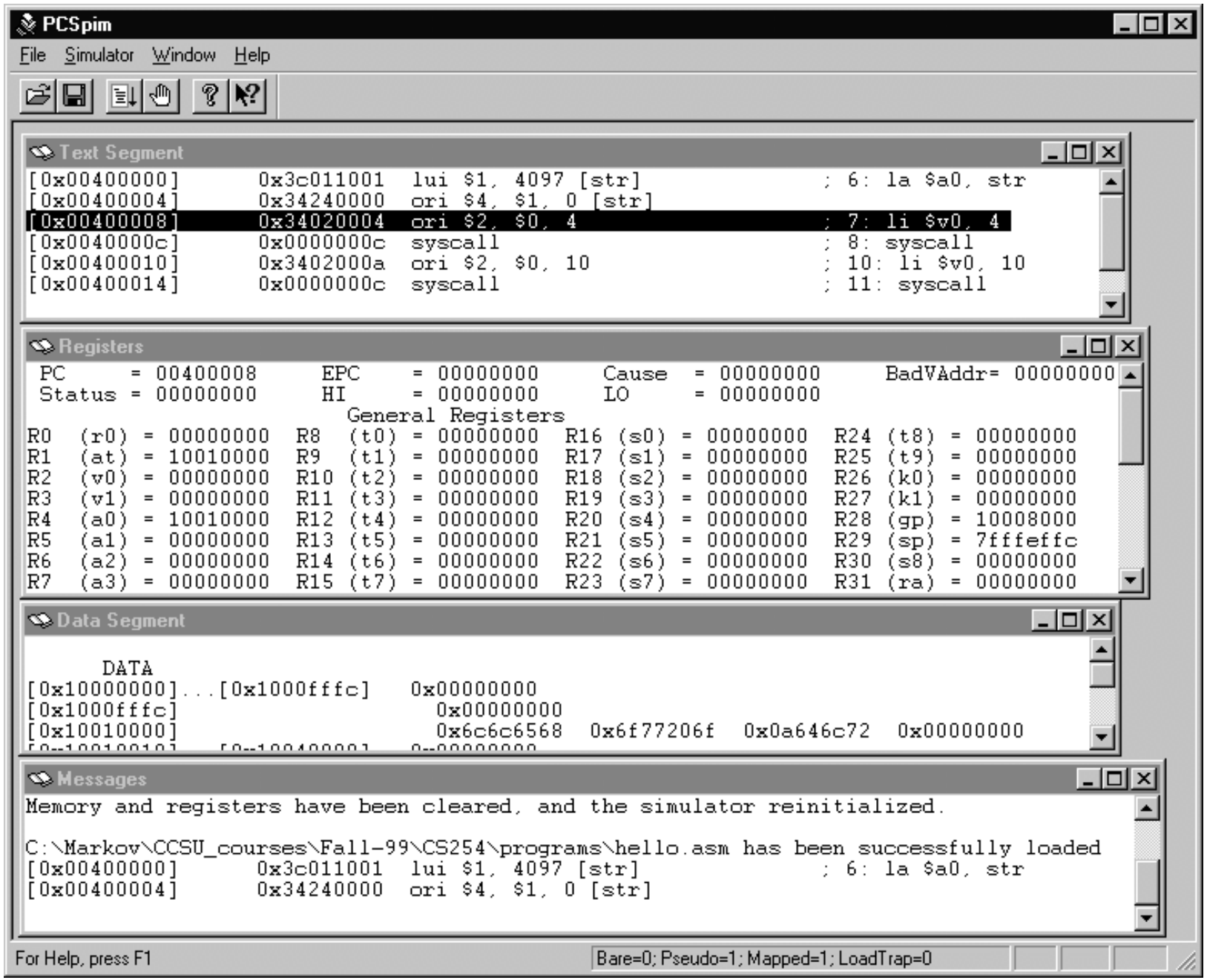

PCSpim
File Simulator Window Help
Messages
SPIM Version 6.2 of January 6 1999
Copyright 1990-1998 by James R. Larus (larus@cs.wisc.edu).
All Rights Reserved.
DOS and Windows ports b
Copyright 1997 by Morga
See the file README for
Memory and registers ha
ialized.
Load failed. Check cod
Settings
Display
Save window positions
General registers in hexadecimal
Floating point registers in hexadecimal
OK
Cancel
Execution
Bare machine
Mapped I/O
Allow pseudo instructions
Quiet
Load trap file
Trap file:
D:\Software\SPIM\src\trap.handler
Browse...
For Help, press F1
Bare=1; Pseudo=1; Mapped=1; LoadTrap=0

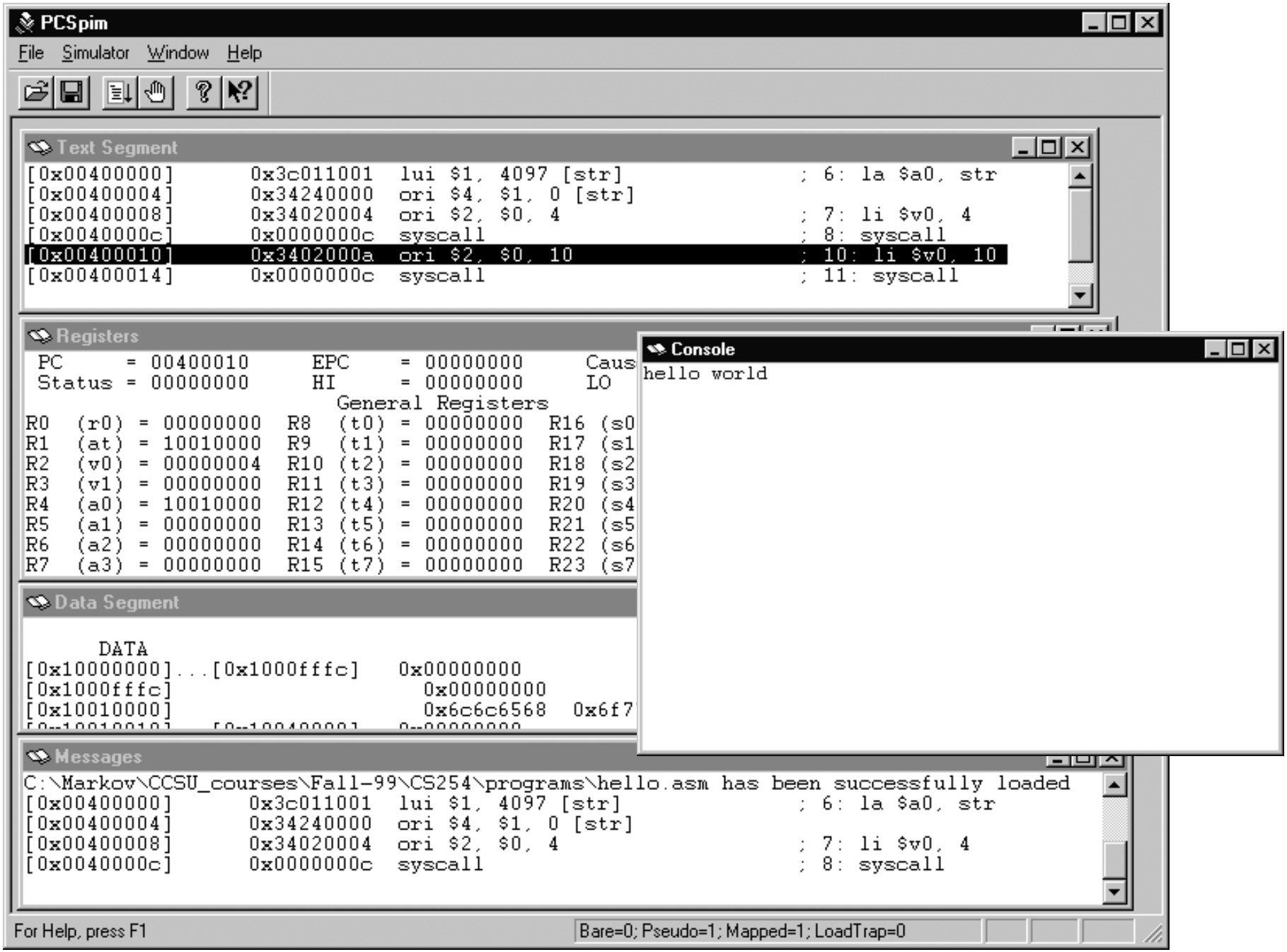

PCSpim
File Simulator Window Help
Text Segment
[0x00400000] 0x3c011001 lui $1, 4097 [str] ; 6: la $a0, str
[0x00400004] 0x34240000 ori $4, $1, 0 [str]
[0x00400008] 0x34020004 ori $2, $0, 4 ; 7: li $v0, 4
[0x0040000c] 0x0000000c syscall ; 8: syscall
[0x00400010] 0x3402000a ori $2, $0, 10 ; 10: li $v0, 10
[0x00400014] 0x0000000c syscall ; 11: syscall
Registers
PC = 00400000 EPC = 00000000 Cause = 00000000 BadVAddr= 00000000
Status = 00000000 HI = 00000000 LO = 00000000
General Registers
R0 (r0) = 00000000 R8 (t0) = 00000000 R16 (s0) = 00000000 R24 (t8) = 00000000
R1 (at) = 00000000 R9 (t1) = 00000000 R17 (s1) = 00000000 R25 (t9) = 00000000
R2 (v0) = 00000000 R10 (t2) = 00000000 R18 (s2) = 00000000 R26 (k0) = 00000000
R3 (v1) = 00000000 R11 (t3) = 00000000 R19 (s3) = 00000000 R27 (k1) = 00000000
R4 (a0) = 00000000 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
Data Segment
DATA
[0x10000000]...[0x1000fffc] 0x00000000
[0x1000fffc] 0x00000000
[0x10010000] 0x6c6c6568 0x6f77206f 0x0a646c72 0x00000000
[0x10010010]...[0x10040000] 0x00000000
Messages
See the file README for a full copyright notice.
Memory and registers have been cleared, and the simulator reinitialized.
C:\Markov\CCSU_courses\Fall-99\CS254\programs\hello.asm has been successfully loaded
For Help, press F1
Bare=0; Pseudo=1; Mapped=1; LoadTrap=0


PCSpim
File Simulator Window Help
Text Segment
[0x00400000] 0x3c011001 lui $1, 4097 [str] ; 6: la $a0, str
[0x00400004] 0x34240000 ori $4, $1, 0 [str]
[0x00400008] 0x3402000b ori $2, $0, 11 ; 7: li $v0, 11
[0x0040000c] 0x0000000c syscall ; 8: syscall
[0x00400010] 0x3402000a ori $2, $0, 10 ; 10: li $v0, 10
[0x00400014] 0x0000000c syscall ; 11: syscall
Registers
PC = 00400010 EPC = 00000000 Cause = 00000000 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) = 0000000b R10 (t2) = 00000000 R18 (s2) = 00000000 R26 (k0) = 00000000
R3 (v1) = 00000000 R11 (t3) = 00000000 R19 (s3) = 00000000 R27 (k1) = 00000000
R4 (a0) = 10010000 R12 (t4) = 00000000 R20 (s4) = 00000000 R28 (gp) = 10008000
R5 (a1) = 00000000 R13 (t5) = 00000000 R21 (s5) = 00000000 R29 (sp) = 7fffec90
R6 (a2) = 7fffec98 R14 (t6) = 00000000 R22 (s6) = 00000000 R30 (s8) = 00000000
R7 (a3) = 00000000 R15 (t7) = 00000000 R23 (s7) = 00000000 R31 (ra) = 00000000
Data Segment
DATA
[0x10000000]...[0x1000fffc] 0x00000000
[0x1000fffc] 0x00000000
[0x10010000] 0x6c6c6568 0x6f77206f 0x0a646c72 0x00000000
[0x10010010]...[0x10040000] 0x00000000
Messages
Memory and registers have been cleared, and the simulator reinitialized.
C:\Markov\CCSU_courses\Fall-99\CS254\programs\hello.asm has been successfully loaded
Unknown system call: 11
For Help, press F1
Bare=0; Pseudo=1; Mapped=1; LoadTrap=0


PCSpim
File Simulator Window Help
Text Segment
[0x00400000] 0x3c011001 lui $1, 4097 [str] ; 6: la $a0, str
[0x00400004] 0x34240000 ori $4, $1, 0 [str]
[0x00400008] 0x34020001 ori $2, $0, 1 ; 7: li $v0, 1
[0x0040000c] 0x0000000c syscall ; 8: syscall
[0x00400010] 0x3402000a ori $2, $0, 10 ; 10: li $v0, 10
[0x00400014] 0x0000000c syscall ; 11: syscall
Console
268500992
Registers
PC = 00000000 EPC = 00000000 Cau
Status = 00000000 HI = 00000000 LO
General Registers
R0 (r0) = 00000000 R8 (t0) = 00000000 R16 (s
R1 (at) = 10010000 R9 (t1) = 00000000 R17 (s
R2 (v0) = 0000000a R10 (t2) = 00000000 R18 (s
R3 (v1) = 00000000 R11 (t3) = 00000000 R19 (s
R4 (a0) = 10010000 R12 (t4) = 00000000 R20 (s
R5 (a1) = 00000000 R13 (t5) = 00000000 R21 (s
R6 (a2) = 7fffec98 R14 (t6) = 00000000 R22 (s
R7 (a3) = 00000000 R15 (t7) = 00000000 R23 (s
Data Segment
DATA
[0x10000000]...[0x1000fffc] 0x00000000
[0x1000fffc] 0x00000000
[0x10010000] 0x6c6c6568 0x6f77206f 0x0a646c72 0x00000000
[0x10010010]...[0x10040000] 0x00000000
Messages
See the file README for a full copyright notice.
Memory and registers have been cleared, and the simulator reinitialized.
C:\Markov\CCSU_courses\Fall-99\CS254\programs\hello.asm has been successfully loaded
For Help, press F1
Bare=0; Pseudo=1; Mapped=1; LoadTrap=0


PCSpim
File Simulator Window Help
Text Segment
[0x00400000] 0x3c011001 lui $1, 4097 [str] ; 6: la $a0, str
[0x00400004] 0x34240000 ori $4, $1, 0 [str]
[0x00400008] 0x34020004 ori $2, $0, 4 ; 7: li $v0, 4
[0x0040000c] 0x0000000c syscall ; 8: syscall
[0x00400010] 0x3402000a ori $2, $0, 10 ; 10: li $v0, 10
[0x00400014] 0x0000000c syscall ; 11: syscall
Registers
PC = 00400004 EPC = 00000000 Cause = 00000000 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) = 00000000 R10 (t2) = 00000000 R18 (s2) = 00000000 R26 (k0) = 00000000
R3 (v1) = 00000000 R11 (t3) = 00000000 R19 (s3) = 00000000 R27 (k1) = 00000000
R4 (a0) = 00000000 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
Data Segment
DATA
[0x10000000]...[0x1000fffc] 0x00000000
[0x1000fffc] 0x00000000
[0x10010000] 0x6c6c6568 0x6f77206f 0x0a646c72 0x00000000
Messages
See the file README for a full copyright notice.
Memory and registers have been cleared, and the simulator reinitialized.
C:\Markov\CCSU_courses\Fall-99\CS254\programs\hello.asm has been successfully loaded
[0x00400000] 0x3c011001 lui $1, 4097 [str] ; 6: la $a0, str
For Help, press F1
Bare=0; Pseudo=1; Mapped=1; LoadTrap=0


PCSpim
File Simulator Window Help
Text Segment
[0x00400000] 0x3c011001 lui $1, 4097 [str] ; 6: la $a0, str
[0x00400004] 0x34240000 ori $4, $1, 0 [str]
[0x00400008] 0x34020004 ori $2, $0, 4 ; 7: li $v0, 4
[0x0040000c] 0x0000000c syscall ; 8: syscall
[0x00400010] 0x3402000a ori $2, $0, 10 ; 10: li $v0, 10
[0x00400014] 0x0000000c syscall ; 11: syscall
Registers
PC = 00400008 EPC = 00000000 Cause = 00000000 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) = 00000000 R10 (t2) = 00000000 R18 (s2) = 00000000 R26 (k0) = 00000000
R3 (v1) = 00000000 R11 (t3) = 00000000 R19 (s3) = 00000000 R27 (k1) = 00000000
R4 (a0) = 10010000 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
Data Segment
DATA
[0x10000000]...[0x1000fffc] 0x00000000
[0x1000fffc] 0x00000000
[0x10010000] 0x6c6c6568 0x6f77206f 0x0a646c72 0x00000000
Messages
Memory and registers have been cleared, and the simulator reinitialized.
C:\Markov\CCSU_courses\Fall-99\CS254\programs\hello.asm has been successfully loaded
[0x00400000] 0x3c011001 lui $1, 4097 [str] ; 6: la $a0, str
[0x00400004] 0x34240000 ori $4, $1, 0 [str]
For Help, press F1
Bare=0; Pseudo=1; Mapped=1; LoadTrap=0


PCSpim
File Simulator Window Help
Text Segment
[0x00400000] 0x3c011001 lui $1, 4097 [str] ; 6: la $a0, str
[0x00400004] 0x34240000 ori $4, $1, 0 [str]
[0x00400008] 0x34020004 ori $2, $0, 4 ; 7: li $v0, 4
[0x0040000c] 0x0000000c syscall ; 8: syscall
[0x00400010] 0x3402000a ori $2, $0, 10 ; 10: li $v0, 10
[0x00400014] 0x0000000c syscall ; 11: syscall
Registers
PC = 00400010 EPC = 00000000 Caus
Status = 00000000 HI = 00000000 LO
General Registers
R0 (r0) = 00000000 R8 (t0) = 00000000 R16 (s0
R1 (at) = 10010000 R9 (t1) = 00000000 R17 (s1
R2 (v0) = 00000004 R10 (t2) = 00000000 R18 (s2
R3 (v1) = 00000000 R11 (t3) = 00000000 R19 (s3
R4 (a0) = 10010000 R12 (t4) = 00000000 R20 (s4
R5 (a1) = 00000000 R13 (t5) = 00000000 R21 (s5
R6 (a2) = 00000000 R14 (t6) = 00000000 R22 (s6
R7 (a3) = 00000000 R15 (t7) = 00000000 R23 (s7
Console
hello world
Data Segment
DATA
[0x10000000]...[0x1000fffc] 0x00000000
[0x1000fffc] 0x00000000
[0x10010000] 0x6c6c6568 0x6f7
Messages
C:\Markov\CCSU_courses\Fall-99\CS254\programs\hello.asm has been successfully loaded
[0x00400000] 0x3c011001 lui $1, 4097 [str] ; 6: la $a0, str
[0x00400004] 0x34240000 ori $4, $1, 0 [str]
[0x00400008] 0x34020004 ori $2, $0, 4 ; 7: li $v0, 4
[0x0040000c] 0x0000000c syscall ; 8: syscall
For Help, press F1
Bare=0; Pseudo=1; Mapped=1; LoadTrap=0