

00000000400

URU

tag

Jump if semaphore clear; set semaphore
Jump if semaphore is set; set semaphore
Set semaphore
Clear semaphore

00000000400a 004000 000000 002000 tag JCS
00000000400b 005000 000000 002000 JSS
00000000401c 006000 000000 002000 SSM
00000000401d 007000 000000 002000 CSM

Jump if Ak is zero
Jump if Ak is nonzero
Jump if Ak is positive
Jump if Ak is negative

00000000402a 010007 000000 002000 A_JUMP JZ
00000000402b 011007 000000 002000 JN
00000000403c 012007 000000 002000 JP
00000000404b 013007 000000 002000 JM

Jump if S_J is zero
Jump if S_J is nonzero
Jump if S_J is positive
Jump if S_J is negative

00000000405a 014060 000000 002000 S_JUMP JZ
00000000405d 015060 000000 002000 JN
00000000406c 016060 000000 002000 JP
00000000407b 017060 000000 002000 JM

Jump if S_J is zero
Jump if S_J is nonzero
Jump if S_J is positive
Jump if S_J is negative

00000000410a 020567 000000 002000 A_ADD AS
00000000410b 021567 000000 002000 AS
00000000410c 022567 000000 002000 A_MUL AS
00000000410d 024560 000000 002000 S_to_A AS

Enter A_i with integer sum of A_j and A_k
Enter A_i with integer difference of A_j and A_k
Enter A_i with integer product of A_j and A_k
Enter A_i with S_J

00000000411a 025500 000000 002000 label 1 AS
00000000411b 026577 000000 002000 A_LOAD AS
00000000411c 027500 000000 002000 AS

Enter A_i with Vector Length
Load A_i with a 6-bit positive value
Load A_i with a 6-bit negative value

00000000411d 030007 000000 002000 MASKS UM
00000000412a 031007 000000 002000 UM
00000000412b 032007 000000 002000 UM
00000000412c 033007 000000 002000 UM
00000000412d 034060 000000 002000 UM

Set Vector Mask from zero elements of U_k
Set Vector Mask from nonzero elements of U_k
Set Vector Mask from positive elements of U_k
Set Vector Mask from negative elements of U_k
Enter Vector Mask with S_J

00000000413a 035000 000000 002000 _ABLES DRI
00000000413b 035001 000000 002000 ERI
00000000413c 035002 000000 002000 DFI
00000000413d 035003 000000 002000 EFI

Disable halt on memory field range error
Enable halt on memory field range error
Disable halt on floating-point error
Enable halt on floating-point error

00000000414a 036007 000000 002000 Label 2 VL
page

Enter Vector Length with A_k