I (MARS) MIPS system calls

function	$v0	argument(s)	return value(s)
print integer	1	`$a0` = integer	
print float	2	`$f12` = float	
print double	3	`$f12`, `$f13` = double	
print string	4	`$a0` = address of null-terminated string	
read integer	5		`$v0` integer read
read float	6		`$f0` float read
read double	7		`$f0`,`$f1` double read
read string	8	`$a0` = address of buffer `$a1` = max. length	
exit (terminate execution)	10		
print character	11	`$a0` = character	
read character	12		`$v0` character read
open file	13	`$a0` = address of filename `$a1` = flags (0=read, 1=overwrite,9=append) `$a2` = mode (0)	`$v0` file descriptor
read from file	14	`$a0` = file descriptor `$a1` = addr. input buffer `$a2` = max length	`$v0` number of chars read (0:end-of-file, <0:error)
write to file	15	`$a0` = file descriptor `$a1` = addr. output buffer `$a2` = number of chars	`$v0` number of chars written (<0: error)
close file	16	`$a0` = file descriptor	
exit (terminate with value)	17	`$a0` = termination result	

function	**$v0**	**argument(s)**	**return value(s)**
print integer in hexadecimal	34	`$a0` = integer	
print integer in binary	35	`$a0` = integer	
print integer as unsigned	36	`$a0` = integer	
set random seed	40	`$a0` = integer	
random int	41	`$a0` = integer	`$a0`: next random int
random int in range	42	`$a0` = integer `$a1` = limit	`$a0`: next random int in range 0...`$a1`-1
random float	43	`$a0` = integer	`$f0`: 0.0...0.999...
random double	44	`$a0` = integer	`$f0`, `$f1`: 0.0...0.999...