

# SPIM System Calls

Service	Code	Args	Return	Remarks
<code>print_int</code>	<b>01</b>	\$a0		
<code>print_float</code>	<b>02</b>	\$f12		
<code>print_double</code>	<b>03</b>	\$f12		
<code>print_string</code>	<b>04</b>	\$a0		
<code>read_int</code>	<b>05</b>		in \$v0	
<code>read_float</code>	<b>06</b>		in \$f0	
<code>read_double</code>	<b>07</b>		in \$f0	
<code>read_string</code>	<b>08</b>		in buffer	a0 = buffer address, a1 = length
<code>allocate</code>	<b>09</b>	\$a0	in \$v0	a0 = size to allocate
<code>exit</code>	<b>10</b>			
<code>print_char</code>	<b>11</b>	\$a0		
<code>read_char</code>	<b>12</b>	char	in \$a0	