**MIPS syscalls**

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| **Service** | **Code** | **Arguments** | **Results** |
| **in $v0** |
| print\_int | 1 | $a0 = integer to be printed |  |
| print\_float | 2 | $f12 = float to be printed |  |
| print\_double | 3 | $f12 = double to be printed |  |
| print\_string | 4 | $a0 = address of string in memory |  |
| read\_int | 5 |  | integer returned in $v0 |
| read\_float | 6 |  | float returned in $v0 |
| read\_double | 7 |  | double returned in $v0 |
| read\_string | 8 | $a0 = memory address of string input buffer |  |
| $a1 = length of string buffer (n) |
| sbrk | 9 | $a0 = amount | address in $v0 |
| exit | 10 |  |  |

**Example:**

.data

prompt: .asciiz "Enter your age: "

.text

# prompt user for age

li $v0, 4 # printing a string

la $a0, prompt

syscall