

# Documentation for std.s library

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**Global subroutine name:** getchar

**Purpose:** a subroutine to input a single character from the keyboard

**Parameters:** None

**Return values:** al – the value in a comparable value for characters,  
ecx – the same as al, but represented as a 32 bit version

**Limitations:** Only is able to read on character and can only ignore up to 100 characters past the input buffer. This is when you try to enter more than 1 character in a line.

**Error checking:** Returns - 1 if the value is not comparing correctly  
2 if the value is returning more than one character  
3 if the value is missing the  
comparing for value not equal incorrectly

**Dependencies:** io.h (which is simply used to enumerate the system call values)

**Global subroutine name:** print

**Purpose:** a subroutine to a string passed into eax with an appropriate length passed into ebx

**Parameters:** eax – the string you want to print  
ebx – the length of the string

**Return values:** none

**Limitations:** It is only able to output if you put in the proper length and doesn't work well when you try to do string interpolation.

**Dependencies:** io.h (which is simply used to enumerate the system call values)