

If the argument is a string containing leading +/-sign and a floating point number in correct format, float() returns the float value represented by this string For example, float ('3.14159') returns 3.14159.

If the string argument contains any character other than leading +/- sign and floating point number in the correct format, then float() results in an error. For example, the following statements will result in errors:

input() function

It enables us to accept an input in the form of string from the user without evaluating its value. It provides the most common way to gather input from the keyboard. The function input() continues to read input text from the user until it encounters a new line.

eval(): This function is used to evaluate the value of a string, eval() takes a string as an argument evaluates this string as a number, and returns the numeric result (int or float as the case may be). If the given argument is not a string, or if it cannot be evaluated as a number then eval() result is an error.

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