

Differences between fgets and gets

- gets only has one parameter, which is where you want the data to be stored. However, gets does not check the memory size vs the input size. This means that if you were to have an array of 10 chars, but you enter 100, gets will essentially cause a buffer overflow, as it is overwriting neighboring memory addresses. This function is very dangerous and largely ignored by developers in favor of the fgets function.
- fgets has 3 parameters, those being variable name, size, and input. Fgets has a built-in check that prevents buffer overflow from happening, as it always compares the input with the size given in the parameter. If the input is too large, fgets will not write it to memory, thus no buffer overflow is possible.