

```
#include <stdio.h>
#include <string.h>

int main(){
    char str[5];

    /***** DANGERS OF gets and scanf *****/

    // Try entering "abcdefghijklmnp" (without quotes)
    // You will find that Clang enlarges the array to accommodate the enlarged input
    // However, try entering "abcdefghijklmnpq" (without quotes)
    // or something much larger - you will get a runtime error
    gets(str);

    // The same holds true for scanf as well
    // scanf("%s", str);
    // Your program will crash if user input is too long

    puts(str);

    return 0;
}
```