Write a program in C to find the length of a string using pointer arithmetic.

#include <stdio.h>

int main() {

    char str[100], \*ptr;

    int len = 0;

    printf("Enter a string: ");

    gets(str);

    ptr = str;

    while(\*ptr != '\0') {

        len++;

        ptr++;

    }

    printf("The length of the string is: %d", len);

    return 0;

}