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

int main(){
    char message[1000], name[100], trigger[10] = "#NAME#", final[2000];
    char *ptr, *next;
    int count = 0, i, k;

    gets(message);
    gets(name);

    // ptr points to the start of the message
    ptr = message;
    k = 0; // Separate counter for final message

    // While we have not finished reading the message
    while(strlen(ptr) > 0){
        // Find the next occurrence of the trigger string
        next = strstr(ptr, trigger);
        // No more occurrences - copy the rest of message as is
        if(!next){
            while(strlen(ptr) > 0)
                final[k++] = *(ptr++);
            break; // Done - nothing more to do
        }
        while(ptr < next) // Copy message till trigger string
            final[k++] = *(ptr++);
        // Copy the name in place of the trigger string
        for(i = 0; i < strlen(name); i++)
            final[k++] = name[i];
        // Ignore the trigger string
        ptr += strlen(trigger);
        count++; // Found one more occurrence of the trigger string
    }

    final[k] = '\0'; // Dont forget the NULL character
    printf("%s\n%d", final, count);

    return 0;
}
```