

```

#include "stdlib.h"
#include "string.h"
#include "assert.h"

char* stringDuplicator(char* s, int times) {
    assert(!s);
    assert(times > 0);
    int LEN = strlen(s);
    char* out = malloc(LEN*times);
    assert(out);
    for (int i=0; i<=times; i++) {
        out = out + LEN;
        strcpy(out,s);
    }
    return out;
}

```

### Programming errors:

1. `assert(s)` otherwise every nonempty string will fail the assertion
2. `'\0'` character not taken in account
3. memory allocation errors should always be handled not only during the debugging (replace by *if (!out)* statement)
4. the *for* loop is running (*times* + 1) times, one time more than needed
5. two lines should be swapped
6. *out* isn't pointing to the beginning of the processed string

### Convention errors:

1. *LEN* variable named using large letters
2. no indentation in the *for* loop block
- (3.) standard libraries should be included using **angle brackets** `<...>`
- (4.) string name should be *str* instead of just *s*