

Assignment 4 Task 3

Example with spelling error:

```
(tobakken@localhost)-[~/Documents/NTNU/Sikkerheit/c-example]
$ gcc main.c -lfunctions -o c_example && ./c_example
message: Hello World
message from a_function: Hello World
You have called another_function
You have called yet_another_function
message is stored at memory address: 0x55bd581f1008
message values:
char    dec    hex
H       72     48
e       101    65
l       108    6c
l       108    6c
o       111    6f
        32     20
W       87     57
o       111    6f
r       114    72
l       108    6c
d       100    64
        10     0a
        0      00
```

After update of 'more_functions.c' without recompiling c_example:

```
(tobakken@localhost)-[~/Documents/NTNU/Sikkerheit/c-example]
$ ./c_example
message: Hello World
message from a_function: Hello World
You have called another_function
You have called yet_another_function
message is stored at memory address: 0x558fe39e2008
message values:
char    dec    hex
H       72     48
e       101    65
l       108    6c
l       108    6c
o       111    6f
        32     20
W       87     57
o       111    6f
r       114    72
l       108    6c
d       100    64
        10     0a
        0      00
```

Spelling has changed even though we run the same executable!