



Assignment 6





Given the following assembly code
derive the corresponding C code

Assembly code:

```
movl    8(%ebp), %edx
movl    12(%ebp), %eax
cmpl    %eax, %edx
jge     .L2
subl    %edx, %eax
jmp     .L3
.L2:
subl    %eax, %edx
movl    %edx, %eax
.L3:
```



Given the following assembly code
derive the corresponding C code

```
    movl    8(%ebp), %edx
    movl    $1, %eax
.L2:
    imull    %edx, %eax
    subl    $1, %edx
    cmpl    $1, %edx
    jg      .L2
```