

```
1 # when running make, all programs are generated
2 all: sum_numbers hello_world manipulate_two_numbers
3
4 # compile hello_world.c and make executable program
5 hello:
6     gcc -o hello_world hello_world.c
7
8 # linking of sum_numbers.o with functions.o
9 sum_numbers: sum_numbers.o functions.o
10     gcc sum_numbers.o functions.o -o sum_numbers
11
12 # compile sum_numbers.c
13 sum_numbers.o: sum_numbers.c
14     gcc -c sum_numbers.c
15
16 # linking of manipulate_two_numbers.o with functions.o
17 manipulate_two_numbers: manipulate_two_numbers.o functions.o
18     gcc manipulate_two_numbers.o functions.o -o manipulate_two_numbers
19
20 # compile manipulate_two_numbers.c
21 manipulate_two_numbers.o: manipulate_two_numbers.c
22     gcc -c manipulate_two_numbers.c
23
24 # compile functions.c
25 functions.o: functions.h functions.c
26     gcc -c functions.c
27
28 # remove generated files and programs
29 clean:
30     rm functions.o sum_numbers.o sum_numbers hello_world
31
```