

# Group B4 Lab00

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Solution Q4:

```
irm@ubuntu: ~/Desktop/irm/lab00$ make
gcc -c sum_numbers.c
gcc -c functions.c
gcc sum_numbers.o functions.o -o sum_numbers
gcc -o hello_world hello_world.c
gcc -c manipulate_two_numbers_loop.c
gcc manipulate_two_numbers_loop.o functions.o -o manipulate_two_numbers_loop
gcc -c manipulate_two_numbers.c
gcc manipulate_two_numbers.o functions.o -o manipulate_two_numbers
irm@ubuntu:~/Desktop/irm/lab00$ ./manipulate_two_numbers
Enter First Hexadecimal Number
1234
Enter Second Hexadecimal Number
2343
merging 0x1234 and 0x2343 results in 0x23431234
the sum in hex is 0x3577, bin: 0011 0101 0111 0111
irm@ubuntu:~/Desktop/irm/lab00$
```

Solition Q5:

```
irm@ubuntu:~/Desktop/irm/lab00$ make
gcc -c sum_numbers.c
gcc -c functions.c
gcc sum_numbers.o functions.o -o sum_numbers
gcc -o hello_world hello_world.c
gcc -c manipulate_two_numbers_loop.c
gcc manipulate_two_numbers_loop.o functions.o -o manipulate_two_numbers_loop
gcc -c manipulate_two_numbers.c
gcc manipulate_two_numbers.o functions.o -o manipulate_two_numbers
irm@ubuntu:~/Desktop/irm/lab00$ ./manipulate_two_numbers_loop
Enter First Hexadecimal Number
1234
Enter Second Hexadecimal Number
2343
merging 0x1234 and 0x2343 results in 0x23431234
the sum in hex is 0x3577, bin: 0011 0101 0111 0111
Enter First Hexadecimal Number
0000
Enter Second Hexadecimal Number
1111
stopping program
irm@ubuntu:~/Desktop/irm/lab00$
```