

# Homework 1

CP119L, 2022.02.15

1. Write a C program to display three lines:

```
-----  
Good morning!  
-----
```

2. Write a C program to ask for an integer (the age) and then display "You are xx years old."

The input (underlined) /output of the program looks like this:

```
How old are you? 19  
You are 19 years old.
```

3. Write a C program that asks the user to enter two integer numbers A and B, obtains them from the user and prints their sum, difference, product, quotient, and remainder. Skip the quotient and remainder if B equals zero.

The input (underlined) /output of the program looks like this:

```
Please enter the first integer A: 2  
Please enter the second integer B: 3  
2 + 3 = 5  
2 - 3 = -1  
2 * 3 = 6  
2 / 3 = 0, with 2 as the remainder
```

4. Write a C program to ask for three integers. Then, determine and print the largest and the smallest integers among the three. Use only the programming techniques (commands) you have learned in this Lec01. The input (underlined) /output of the program looks like this:

```
Please enter the first integer: 4  
Please enter the second integer: 1  
Please enter the third integer: 9  
The largest is 9  
The smallest is 1
```