

## Problem Set 1 Exercise #15: Maximum Input Integer

**Reference:** Week 4 Lecture notes

**Learning objectives:** Selection statements; Writing functions

**Estimated completion time:** 20 minutes

### Problem statement:

Write a program **max\_int.c** to read three input integers and print out the maximum one.

For example, if the user enters 10, 5 and 9, your program should print out the maximum integer 10.

Your program should contain a function

```
int get_max(int num1, int num2, int num3)
```

that takes three integers as parameters and returns the maximum value among the three.

### Sample run #1:

```
Enter three integers: 10 5 9
Maximum input integer is 10
```

### Sample run #2:

```
Enter three integers: -1 0 1
Maximum input integer is 1
```