

Problem Set 1 Exercise #09: Three Integers

Reference: Week 3 Lecture notes

Learning objective: Writing functions

Estimated completion time: 20 minutes

Problem statement:

Write a program **three_ints.c** that reads in 3 positive integers and prints out digits at the respective hundredth position, each separated by a space.

Your program should contain a function **get_hundredth()** that accepts an integer and returns the digit in its hundredth position. If a given integer is less than 100, its hundredth position can be viewed as 0. Note that there should be no input/output statement in this function as this function is solely for computation purpose. The **main()** function is responsible for data input/output.

Sample run #1:

```
Enter 3 positive integers: 234 509 633
2 5 6
```

Sample run #2:

```
Enter 3 positive integers: 12156 6344 95
1 3 0
```