

## Problem Set 2 Exercise #02: Print Digits

**Reference:** Week 5 Lecture notes

**Learning objective:** Repetition statements

**Estimated completion time:** 10 minutes

### Problem statement:

Write a program **print\_digits.c** to accept a positive integer, print out its digits from least significant to most significant (i.e. from right to left), each digit followed by a space.

Your program should contain a function

```
void print_digits(int num)
```

that prints out all the digits of a given integer **num** in the required format.

### Important notes:

Don't forget to change line (i.e. print '\n') after your last line of output, or CodeCrunch may mark your output as wrong.

### Sample run #1:

```
Enter a positive integer: 28943
3 4 9 8 2
```

### Sample run #2:

```
Enter a positive integer: 7
7
```