Practice S02P05: Ascending Hundreds-digits of 3 Integers

http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html

Reference: Week 3

Week of release: Week 3

Objectives: Selection statement, logical operator

Task statement:

Write a program **AscendingDigits.c** to read 3 positive integers and determine whether the hundreds digits in the 3 numbers are in ascending order. The output is "Yes" or "No".

For example, if the 3 integers are 1**2**34, **5**09 and 80**6**33, the result is "Yes", because the hundreds digits are 2, 5 and 6 respectively, and they are in ascending order.

We encourage modular programming, so your program should include a function

```
int isAscending(int, int, int)
```

that takes in the 3 integers as parameters, and returns 1 (true) or 0 (false).

Sample runs:

```
Enter 3 positive integers: 1234 509 80633
The integers are 1234, 509 and 80633
Yes

Enter 3 positive integers: 1234 256 9805
The integers are 1234, 256 and 9805
No

Enter 3 positive integers: 12516 6344 95
The integers are 12516, 6344 and 95
No
```