

## Program 3 - Five Digit Number

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### Information

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- **CMPS 4143: Contemporary Programming Languages**
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- **Dr. Stringfellow**
- **Description: A simple program that reads a 5-digit integer from the console, then displays its digits separately. The program assumes valid input.**

### Questions

What happens when you execute the app and type a number with more than 5 digits?

Only the least significant 5 digits will be displayed.

What happens when you execute the app with fewer than five digits?

If  $n = \text{number of digits}$ , the digits will be displayed with  $5 - n$  zeroes occupying the missing digits (to the left of the digits).