Code for Teachers

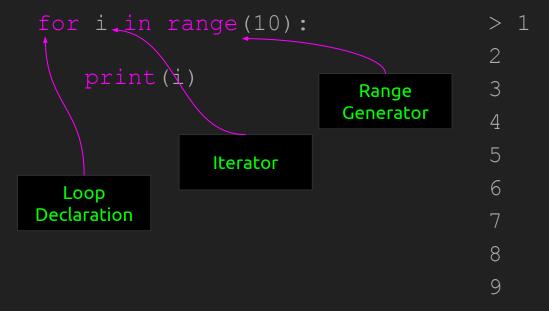
A practical approach to programming

Chapter 2-3: The for Loop

Basic Concepts

- for loops repeat over a range
 - Either over an iterable data type (stay tuned)
 - Or over a range object
- Differences from while
 - Iterator variable is built-in
 - Guaranteed to stop
 - Requires the programmer to know how many times she wants to loop

Syntax Breakdown



Code Example: FizzBuzz

- Popular math game
- Also, a popular technical interview question for developers
- Rules:
 - Count from 1...n
 - If n is divisible by 3, say "Fizz!"
 - If n is divisible by 5, say "Buzz!"
 - If n is divisible by 3 AND 5, say "FizzBuzz!"
 - o 1,2,F,4,B,F,7,8,F,B,11,F,13,14,FB



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