

Problem set 5

Hard: FizzBuzz

Question: Write a program that prints the numbers from 1 to 100. For multiples of three, print "Fizz" instead of the number, and for the multiples of five, print "Buzz." For numbers that are multiples of both three and five, print "FizzBuzz."

Explanation: This problem tests your understanding of loops and conditionals, as well as modular arithmetic.

Hint: Use a `for` loop to iterate through the numbers, and the modulus operator (`%`) to check for multiples.