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# FizzBuzz Game:

This document explains the FizzBuzz game implemented in Python. FizzBuzz is a simple programming problem often used to test basic coding skills, especially the use of loops, conditions, and modular arithmetic.

## Code Explanation:

The code uses a for loop to go through numbers from 1 to 100. For each number, the program checks certain conditions using if, elif, and else statements:

1. If the number is divisible by 3, the program prints 'Fizz'.  
2. If the number is divisible by 5, the program prints 'Buzz'.  
3. If the number is divisible by both 3 and 5, the program prints 'FizzBuzz'.  
4. Otherwise, the program prints the number itself.

## Why This Logic is Used?

The operator (%) is used to check divisibility. For example, if n % 3 == 0, it means the number is perfectly divisible by 3. Similarly, n % 5 == 0 checks divisibility by 5. By combining these checks, we can decide whether to print Fizz, Buzz, FizzBuzz, or the number itself.

## Conclusion:

This task shows how basic programming concepts like loops, conditions, and modular arithmetic work together to solve a problem.

## Code:

A computer screen with numbers and symbols

AI-generated content may be incorrect.

## Output:

A screenshot of a computer

AI-generated content may be incorrect.