**File Handling Puzzles**

**Puzzle 1: Write to a File**

Create a file example.txt and write "Hello, World!" using w mode.

**Puzzle 2: Append to a File**

Append "This is an appended line." to example.txt.

**Puzzle 3: Read a File**

Read and print the content of example.txt.

**Puzzle 4: Write and Read a File**

Write "Python is fun!" to test.txt and read it

**Puzzle 5: Append and Read**

Append "New data" to log.txt, then read the entire file.

**Puzzle 6: Write a List of Numbers to a File**

Write numbers **1 to 5**, each on a new line in numbers.txt.

**Puzzle 7: Read a File Line by Line**

Read numbers.txt line by line and print each line.

**Puzzle 8: Count the Number of Words in a File**

Count the number of words in story.txt.

**Puzzle 9: Find and Replace in a File**

Replace "old" with "new" in data.txt.

**Puzzle 10: Remove Blank Lines from a File**

Remove all empty lines from text.txt.

**Exception Handling Puzzles**

**Puzzle 11: Handle Division by Zero**

Handle ZeroDivisionError when dividing numbers.

**Puzzle 12: Handle Multiple Exceptions**

Catch ValueError and ZeroDivisionError.

**Puzzle 13: Use finally Block**

Ensure "Execution completed" always prints.

**Puzzle 14: Raise a Custom Exception**

Raise an error if a number is negative.

**Puzzle 15: Handle File Not Found Exception**

Handle a missing file error when reading a file.