Assignment 2: Digital File Detective
Master the Art of File Organization

ICD2O - Introduction to Computer Studies

1   The Mission

Welcome, Digital Detective! Your computer has been struck by the dreaded *Chaos Virus* that has scattered 50 important files all over your desktop. These files are currently named `file01.txt` through `file50.txt`, but each one contains a secret message revealing where it truly belongs and what its real name should be.

Your mission, should you choose to accept it, is to restore order to this digital disaster by organizing these files into their proper categories and giving them their correct names.

2   The Challenge

2.1   What You'll Find

In the `assignment` folder, you'll discover 50 mysterious text files. Each file contains a single clue that looks something like this:

> *"This is a file about chemistry, and should go in the Science folder. This should be called chemistry.txt"*

2.2   Your Task

1. **Create the Categories:** Set up 5 folders to organize your files:

   - `Science`
   - `Math`
   - `Art`
   - `Sports`
   - `English`

2. **Become a File Detective:** Read each file carefully to discover:

   - Which category folder it belongs in
   - What its proper filename should be

3. **Move and Rename:** Copy each file to its correct category folder and rename it according to the clue inside.

4. **Verify Your Work:** When complete, you should have exactly 50 files distributed across your 5 category folders, each with its proper name.

3   Success Criteria

You'll know you've mastered this challenge when:

- All 50 files have been moved from the `assignment` folder

- Each file is in the correct category folder

- Each file has been renamed to match the name specified in its content

- You have approximately 8-12 files in each category folder

- No files remain in the original `assignment` folder

4   Skills You'll Practice

This assignment will help you develop essential digital literacy skills:

- **File Management:** Creating folders and organizing files systematically

- **Reading Comprehension:** Understanding instructions within file content

- **Attention to Detail:** Following specific naming and categorization rules

- **Problem Solving:** Working methodically through a multi-step process

5   Tips for Success

- Work systematically - don't try to do everything at once!

- Double-check each file's content before moving and renaming

- Keep track of your progress as you go

- If you make a mistake, don't panic - just correct it and continue

Remember: Organization is a superpower in the digital world. Master these skills now, and you'll save countless hours throughout your academic and professional career!

Good luck, Digital Detective! The fate of organized files everywhere rests in your capable hands.