

Assignment: Exploring YAML and Creating Configuration Files

Objective: The goal of this assignment is to familiarize yourself with YAML syntax and create simple configuration files using YAML for various scenarios.

Instructions:

Part 1: YAML Basics 1. Review the provided tutorial on YAML basics to refresh your understanding of YAML syntax, including key-value pairs, lists, nested structures, comments, scalars, multiline scalars, and special characters.

Part 2: Configuration File Creation Choose one of the following scenarios and create a YAML configuration file based on the given requirements:

Scenario 1: Project Configuration You are working on a software project and need to create a configuration file to store project-specific settings.

Requirements: - Create a YAML configuration file named `project_config.yaml`. - Include project information such as project name, version, and description. - Define a list of contributors' names. - Specify default values for configuration settings (e.g., timeout, logging level).

Scenario 2: Personal Information You want to keep track of your personal information in a YAML file.

Requirements: - Create a YAML configuration file named `personal_info.yaml`. - Include your name, age, major, and contact details (email).

Part 3: Submit - Submit both the YAML configuration file you created (`project_config.yaml` and `personal_info.yaml`) to GitHub Classroom.

Submission Guidelines: - Submit the document through GitHub Classroom.

Grading Criteria: - Correct and complete YAML syntax implementation in the chosen scenario. Be sure to validate your YAML. - Inclusion of all required elements for the chosen scenario. - Adherence to submission guidelines and deadlines.

Note: This assignment is designed to help you practice creating YAML configuration files for different scenarios. It will help reinforce your understanding of YAML syntax and its practical applications in real-world settings.