TASK LIST

Task List for Python Development Intern at **Skill Spire Technologies**:

Level Easy

1. Write a Python program that calculates the sum of all even numbers from 1 to 100.
2. Implement a simple command-line calculator application in Python that performs addition, subtraction, multiplication, and division.
3. Create a Python script to find the factorial of a given number using recursion.
4. Develop a basic inventory management system in Python where users can add, delete, and update items.

Level Medium

1. Build a command-line address book application using Python that allows users to add contacts, search for contacts, and delete contacts.
2. Develop a simple web scraping tool using Python's BeautifulSoup library to extract data from a website and save it to a file.

Level Hard

1. Design and implement a web-based CRUD (Create, Read, Update, Delete) application using Python and a web framework such as Django or Flask. The application could manage a list of tasks, contacts, or any other entity.

Note: Remember, the intern needs to select any one level to complete based on their understanding and comfort level.

TASK SUBMISSION GUIDELINES

To submit your task, please follow the guidelines below:

1. **Select Your Task Level:** Choose one task level from the provided options - Easy (Level 4), Medium (Level 3), or Hard (Level 2).

2. **Complete the Task:** Implement the chosen task using Java programming language. Ensure that your code meets the requirements specified in the task list.

3. **Record Your Work:** Record a video showcasing your code implementation and the output generated by your program. Clearly demonstrate how your code functions and the results it produces.

4. **LinkedIn Video Upload:** Upload the recorded video on your LinkedIn profile, mentioning Skill Spire Technologies as the company you are interning with. Include relevant hashtags such as #SkillSpireTech, #JavaDevelopment, and any others you find appropriate.

5. **GitHub Repository Creation:** Create a GitHub repository named "SSTech_[YourID]", where "[YourID]" should be replaced with your unique identifier (e.g., SSTech_001). Upload all your task code files to this repository.

6. **Submission Link:** By the last week of your internship, we will provide a submission link where you can submit your GitHub repository link and LinkedIn video link.

7. **Final Submission:** Submit your GitHub repository link and LinkedIn video link through the provided submission link by the specified deadline.

8. **Review and Feedback:** Our team will review your submission and provide feedback accordingly.

If you have any questions or need clarification on any aspect of the task submission process, please don't hesitate to reach out to your supervisor.