Assignment for Session 1

1. Practical Task:

- **Set up Git and GitHub:**
    1. Install Git on your local machine.
    2. Create a GitHub account if you don't already have one.
    3. Initialize a local Git repository, create a file (README.md), and add some content.
    4. Push the repository to GitHub.
    5. Create a new branch, make changes, and merge it back to the main branch.

2. Research Task:

- Write a short summary (300-500 words) on the following topics:
    - What is DevOps, and why is it important in modern IT?
    - Key differences between DevOps and traditional IT approaches.
    - The role of CI/CD pipelines in the DevOps lifecycle.

3. Reflection Task:

- Reflect on the self-assessment and list:
    1. Three topics you feel confident about.
    2. Three areas you want to focus on during this mentorship.