Git Setup Script Instructions

This guide describes how to use the `git_setup.sh` script to automate the Git repository
initialization and pushing process for your `intelliDGAforge` project.

Prerequisites

1. **Git installed** – Verify with `git --version`.
2. **Remote repository created** – Create an empty repository (e.g., on GitHub) and note its HTTPS
URL. Do not initialize it with a README, as your local project already contains the files.

Using the Script

1. **Place the script** – Copy `git_setup.sh` into the root directory of your local project
(`intelliDGAforge`).
2. **Open a terminal** and navigate to your project directory:
   ```sh
   cd ~/path/to/intelliDGAforge
   ```
3. **Make the script executable** (only required once):
   ```sh
   chmod +x git_setup.sh
   ```
4. **Run the script** with your remote repository URL as an argument:
   ```sh
   ./git_setup.sh https://github.com/<username>/<repository>.git
   ```

   Replace `<username>` and `<repository>` with your GitHub username and the repository name.

The script will:
- Initialize a Git repository if none exists.
- Stage all files and make an initial commit.

- Rename the current branch to `main`.

- Add or update the remote named `origin` with the provided URL.

- Push the `main` branch to the remote repository.

Notes

- If the repository has already been initialized or contains commits, the script will skip

initialization and continue with the remaining steps.

- The script will prompt for your GitHub credentials if necessary when pushing to the remote.

- You can modify the commit message inside the script to suit your project.

Troubleshooting

- If you see an error about the remote already existing, the script updates the remote URL

automatically.

- If the push is rejected due to permissions, ensure you have write access to the remote repository

or update your credentials.

By following these instructions, you can quickly set up and push your project to a new repository

with a single command.