Assignment: Enabling CI for your microservices

In this assignment you will enable CI for your Common library repository all for all your microservice repos.

Enable CI for your Common library

In your **Play.Common** GitHub repository, create a CI workflow using GitHub Actions that should:

- Generate a new version number (choose the correct initial version)
- Create the new Play.Common NuGet package, with the generated version
- Publish the new package to GitHub packages

Enable CI for your microservices

1. In the **Play.Catalog** and **Play.Inventory** GitHub repositories, create a CI workflow using GitHub Actions that should:
   - Generate a new version number
   - Create the microservice contracts NuGet package, with the generated version
   - Publish the new package to GitHub packages
   - Build the microservice Docker image, using the generated version

2. In the **Play.Trading** GitHub repository, create a CI workflow using GitHub Actions that should:
   - Generate a new version number
   - Build the microservice Docker image, using the generated version

3. Don't forget to:
   a. Choose the correct initial version
   b. Generate a GitHub secret for each repo with the Personal Access Token (PAT) needed to build the docker images.
   c. Update your README file with a description of the new GitHub secrets required to run your GitHub workflow.