This assignments is about short questions. some of them are interview questions, some of them are used to guide you understand important concepts.

submit your assignments using PR

In your first_name/notes branch, do the below steps:

```
1  git pull origin first_name/notes
2  git pull origin main # you will see hw1.md in shortQuestions directory
```

Write your hw1 in hw1.md

1. Learn **MarkDown** and show all of basic usage in the **ShortQuestions/README.md**

   1. https://docs.github.com/en/get-started/writing-on-github/getting-started-with-writing-and-formatting-on-github/basic-writing-and-formatting-syntax

2. practice git using the platform. list the git commands you learned

   1. https://learngitbranching.js.org/

3. What is the basic steps to init a git repo in you local ?

4. How to clone a repo from Github ?

5. How to create a new branch and checkout to that branch ?

6. How to merge the branch_test to master branch in command ? show me the commands

7. How to **stash** your new code before leaving branch **branch_learn_stash** and pop your stash when you checkout back to **branch_learn_stash ? try commands way and intellij way.

8. How do you understand **PR is based on Branch**?

9. What is **maven** role ? what it be used to do ?

10. What is the **lifecycle** of maven? could you tell me the details ?

11. what is the difference between **package** and **install** in maven lifecycle ?

12. What is **plugins** in maven, list some plugins.

13. In **Repo/MavenProject** directory, create a **maven Module** using Intellij, named it as belows:

    1. groupID: **com.chuwa.learn**

    2. artifactID: **java-core**

14. Do **Code Review**: Go over the PRs in your repo, tried to leave some useful or useful comments in other students' PR, please **don't** merge it.