Chess Board Coding Exercise

Part 1: Setup Git

1. Check if Git is installed:

```
git --version
```

If you see a version number, Git is installed. If not, download from **git-scm.com**

2. Set your credentials:

```
git config --global user.name "g11s1"
```

```
git config --global user.email "g11s1@ict.ru"
```

3. Create and navigate to your folder:

```
cd Documents
```

```
mkdir chess-project
```

```
cd chess-project
```

Part 2: Get the Code

1. Go to Gitea in your browser:

```
https://gitea.techshare.cc
```

2. Login with your credentials

3. Fork this repository:

```
https://gitea.techshare.cc/technolyceum/g11-m2.git
```

Click the "Fork" button to create your own copy

4. Clone your forked repository:


```
git clone https://gitea.techshare.cc/your-username/g11-m2.git
```

Replace "your-username" with your actual Gitea username

5. Enter the project folder:

```
cd g11-m2
```

Part 3: Coding Tasks

Task 1: CSS Styling

Find the .chess-board CSS and add:

```
width: 400px;
height: 400px;
display: grid;
border: 3px solid gray;
```

Task 2: JavaScript Function

Find the function and replace with:

```
function createChessBoard() {
```

Task 3: For Loops

Find the loops and replace with:

```
for (let row = 0; row < 8; row++) {
    for (let col = 0; col < 8; col++) {
```

Test your work:

1. Save the HTML file
2. Open it in a browser
3. Click "Create Chess Board"
4. You should see a chess board with 64 squares!

Part 4: Save to Git

1. Check what you changed:

```
git status
```

2. Add your changes:

```
git add .
```

3. Commit with a message:

```
git commit -m "Completed chess board coding exercise"
```

4. Push to your repository:

```
git push origin main
```

If asked for credentials:

- Enter your Gitea username
- Enter your Gitea password
- If you get errors, try:

```
git push https://gitea.techshare.cc/your-username/g11-m2.git main
```

5. Verify on Gitea:

Refresh your repository page in the browser to see your changes

What you learned:

- Git setup and configuration
- Forking and cloning repositories
- CSS: width, height, grid, border
- JavaScript: functions, for loops
- Git: add, commit, push workflow