

TEAM ACTIVITY (2 - 3 PAX)

CHALLENGE (SETUP)

Oh no! Bob is sleepy, and accidentally adds a file with sensitive information to version control, and makes many commits after that.

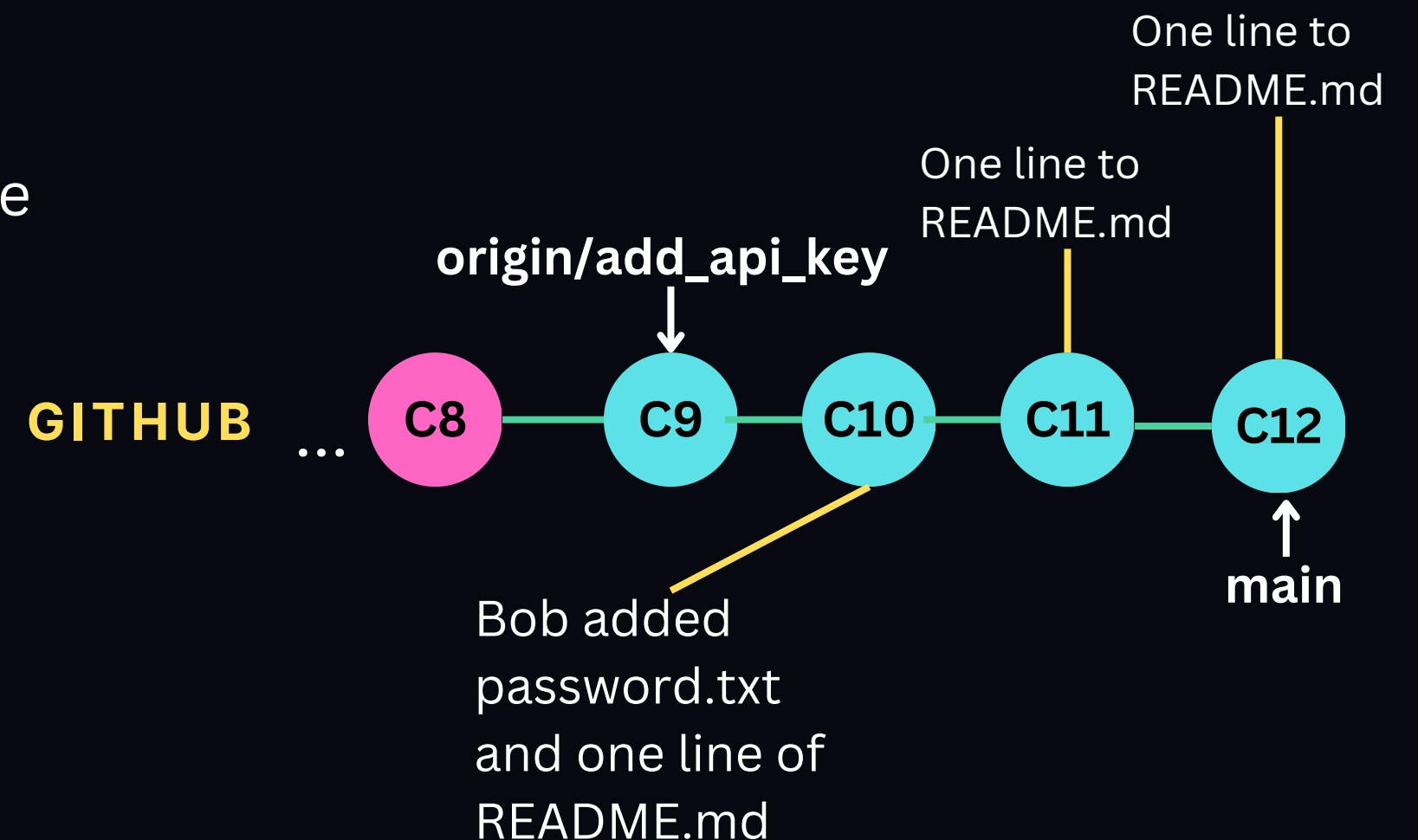
SETUP THE REPOSITORY

1. **Fork** your own copy of the repository
<https://github.com/JET2001/git-workshop-challenge>
2. **Clone** your forked repository into a new folder.

OR

On the **MAIN** branch, do four commits.

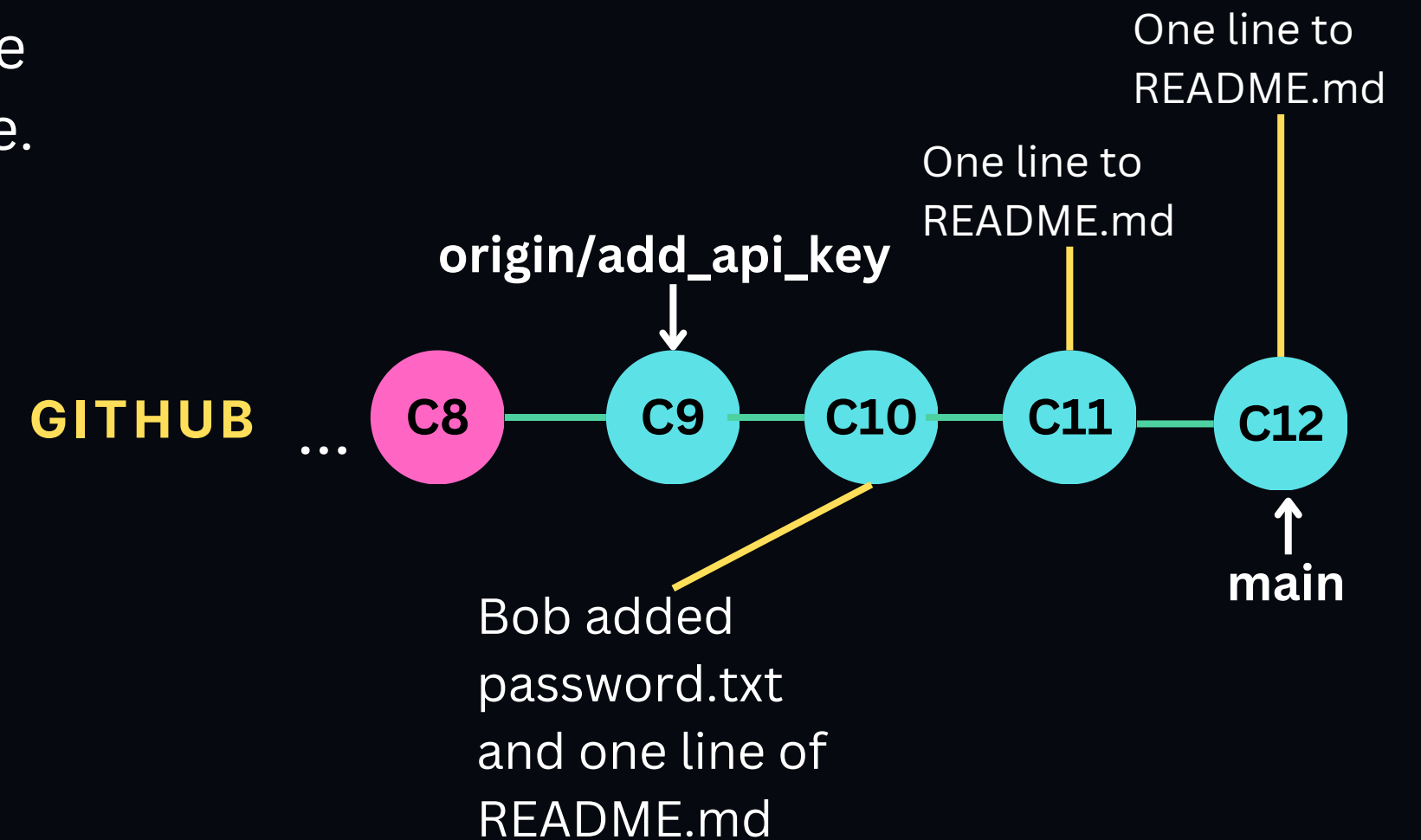
- Initialize a repository on GitHub.
- Create a new file password.txt and add one line to README.md
- **Commit both** (password.txt and README.md)
- Add one line to README.md and commit.
- Add another line to README.md and commit again.
- Push all the code to main.



CHALLENGE

THE TASK

- **Remove all traces of password.txt** from the remote repository on **ALL branches**, as it is a security issue.
 - This means that if you create more branches, password.txt cannot be inside.
- **KEEP ALL of Bob's changes to README.md**
- Password.txt should be ignored in version control.
- The commit history from C9 onwards **should be linear**.



Some additional commands you may / may not need:

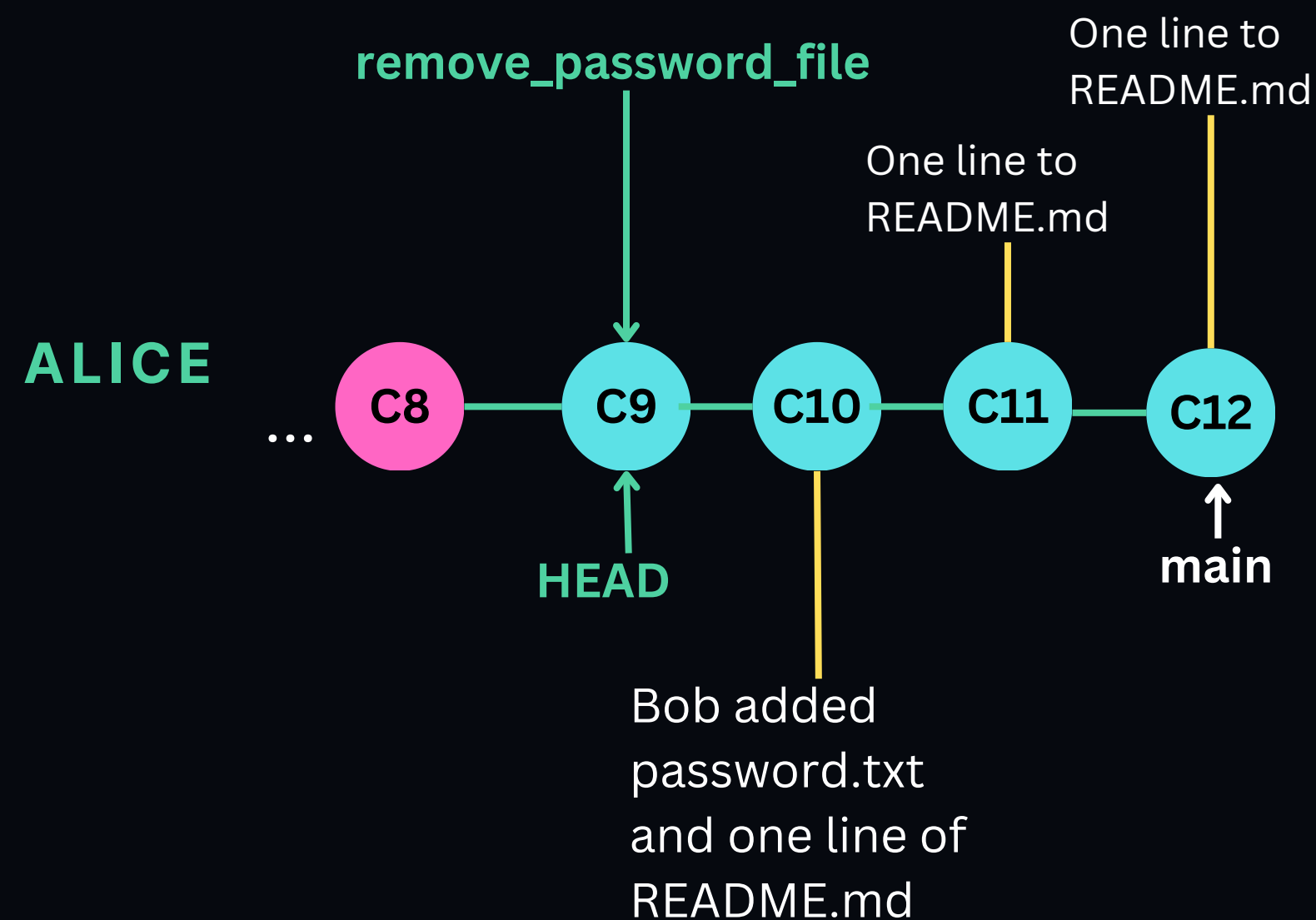
```
# Change the contents of the MOST RECENT commit
git commit --amend
```

```
# Reset the branch pointer
# of current branch
# to commit hash
git reset --hard <COMMIT HASH>
```

```
# Forcefully overwrite the remote
# history with your local history
# of the current branch
git push --force
```

CHALLENGE

HINT (FIRST 2 STEPS OF A SOLUTION)



Step 1: Go to the commit hash of C9.

Step 2: create a branch with C9 as its base.

```
# Find commit hash of commit  
# before password.txt was vc-ed  
git log --oneline  
# Go to the commit C9 (detached head state)  
git checkout <COMMIT HASH OF C9>  
# Create a branch  
git checkout -b "remove_password_file"
```

There are about 10 steps.

Good luck! We'll share our solution in the Telegram group on Thursday.