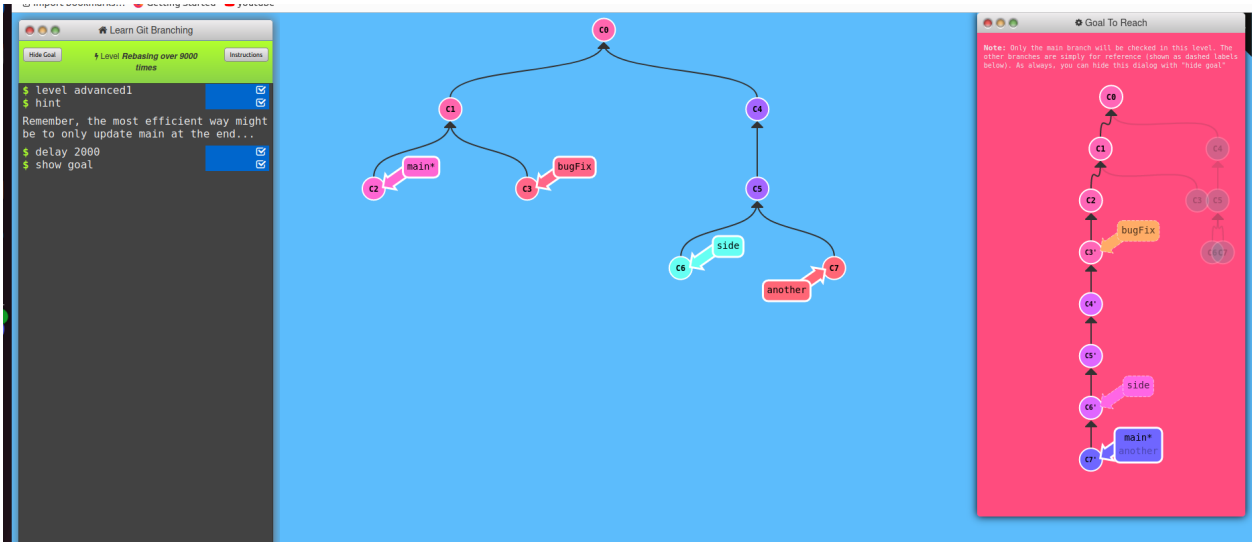
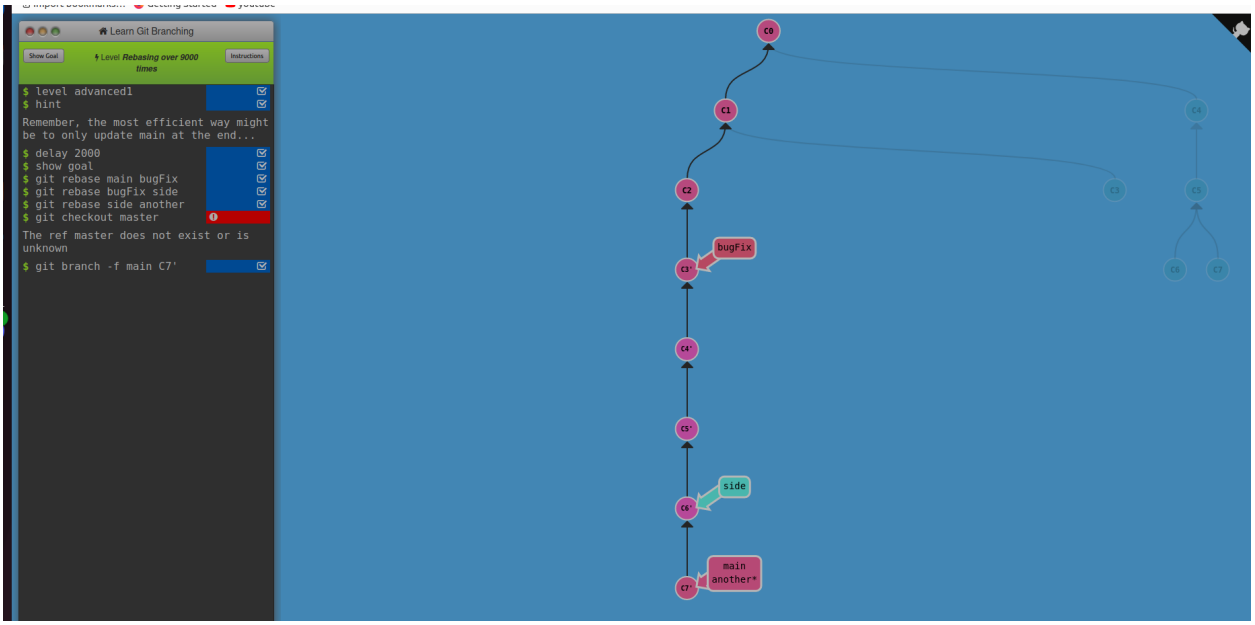
GIT:Level 5

In this task we have to rebase all the branch to main branch and achieve the following goal.






```
git rebase main bugFix
git rebase bugFix side
```

```
git rebase side another
git branch -f main C7' ot git rebase another master
```

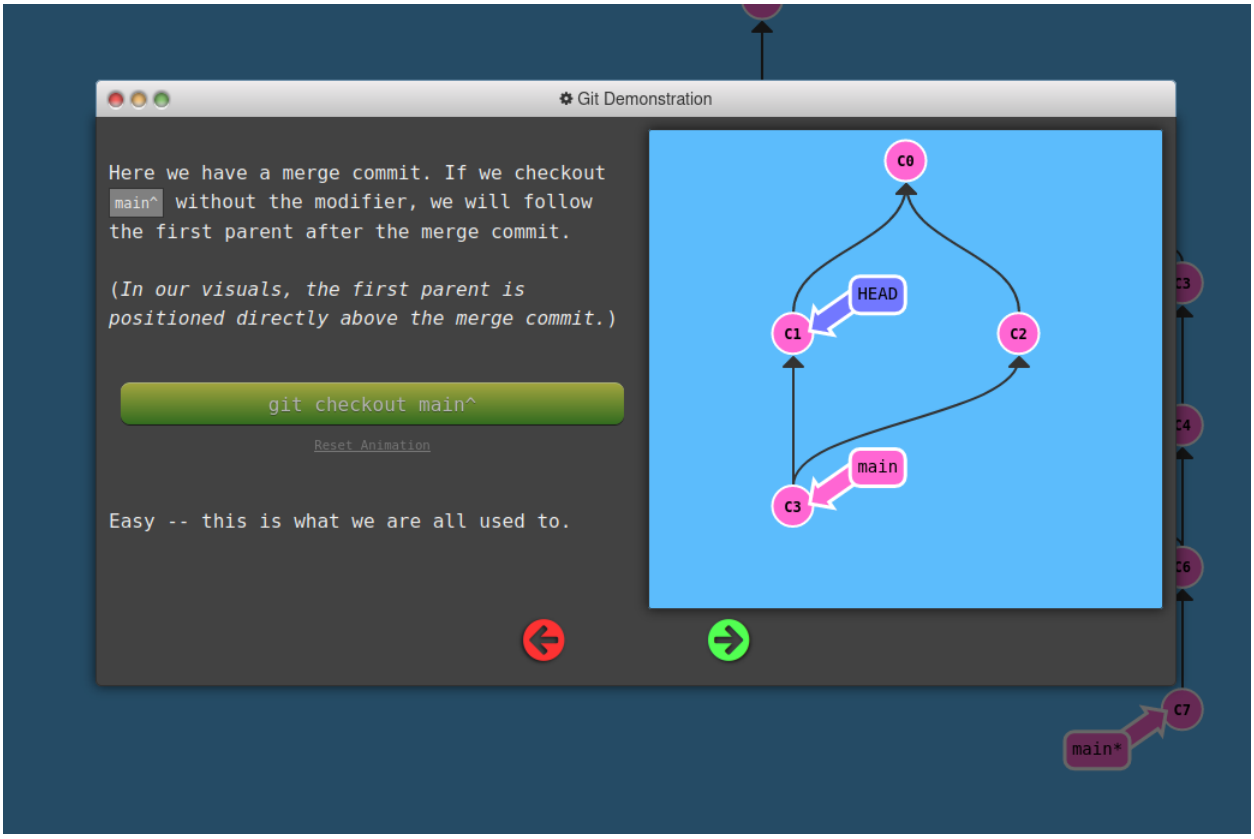
Task 2

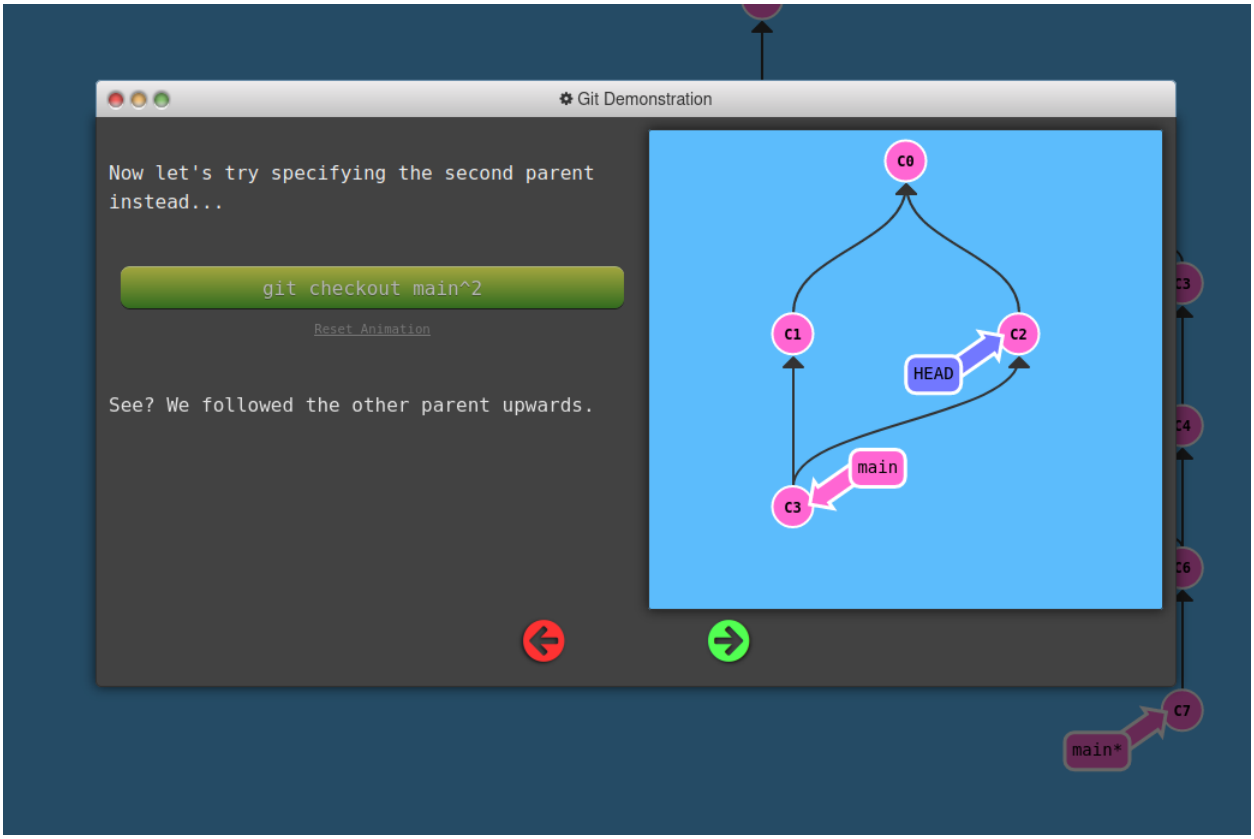
Specifying Parents

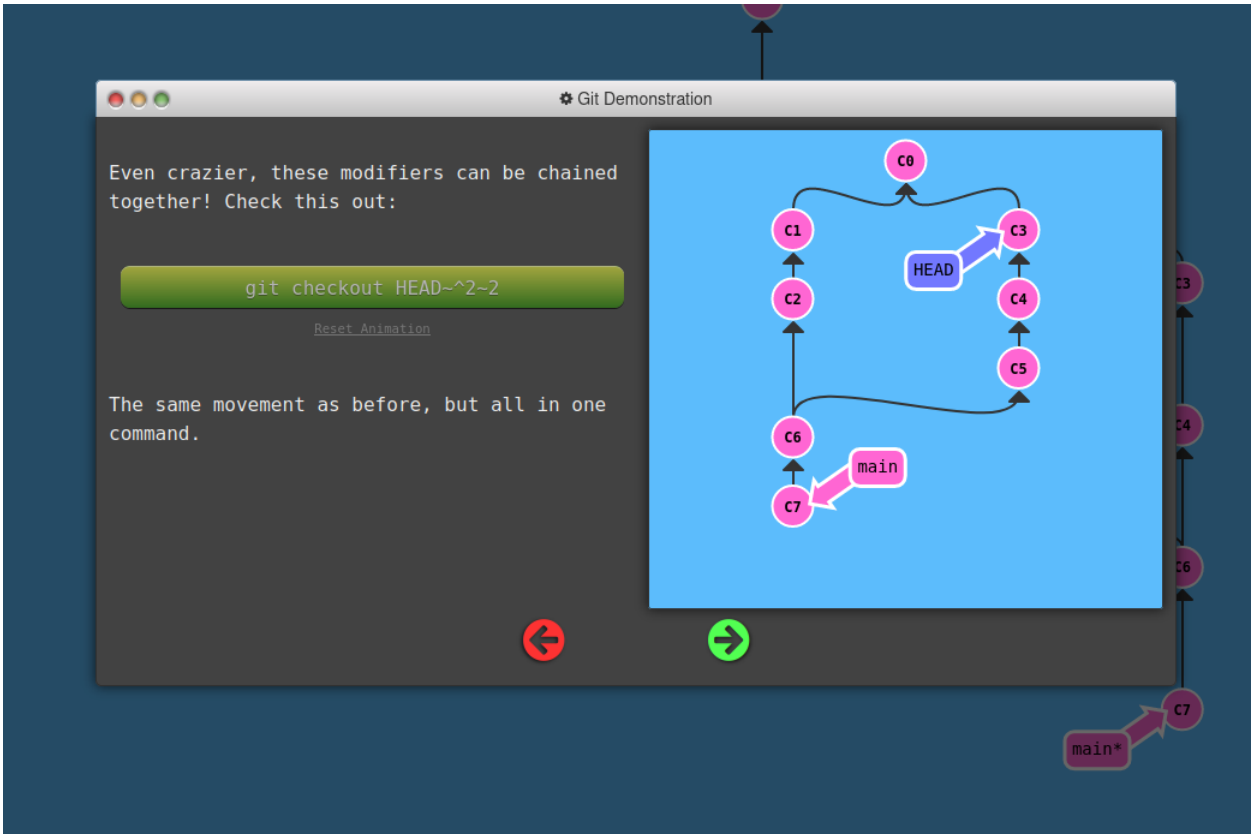
Like the `~` modifier, the `^` modifier also accepts an optional number after it.

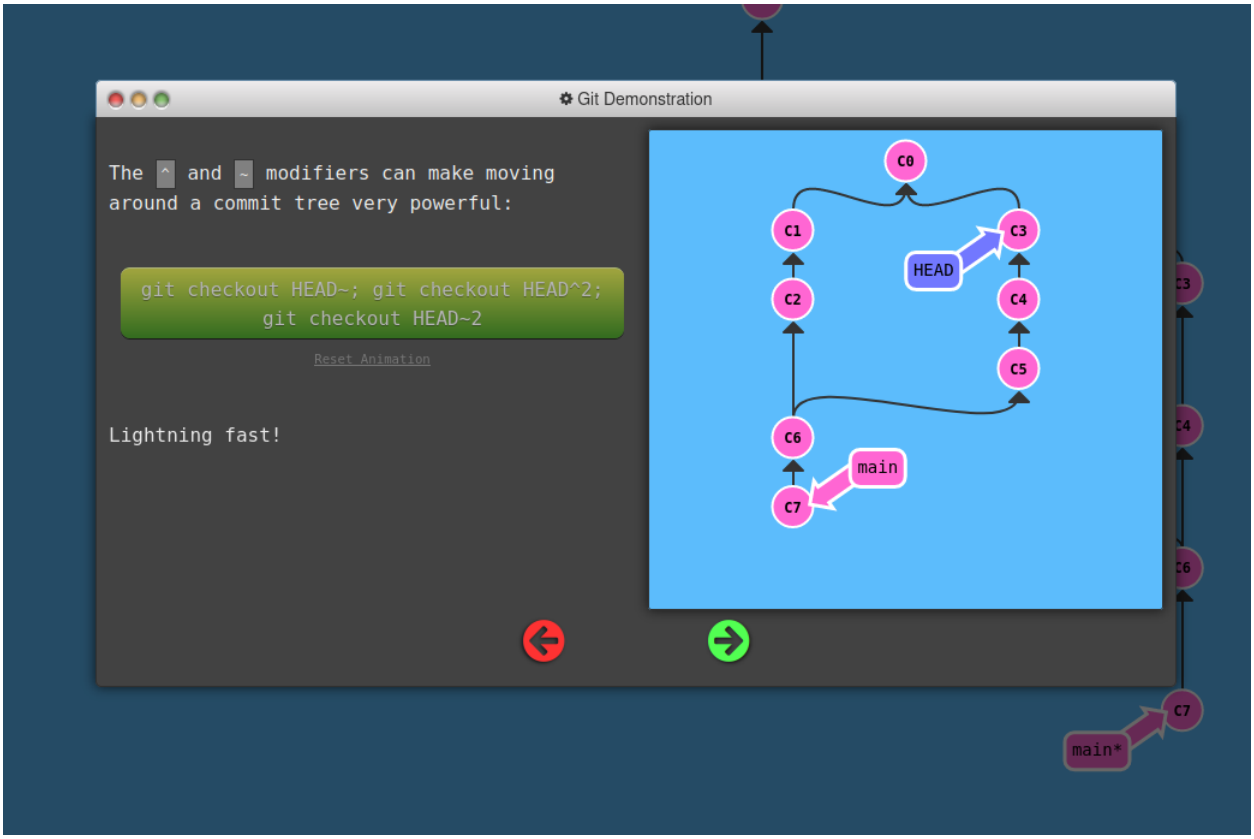
Rather than specifying the number of generations to go back (what `~` takes), the modifier on `^`
 specifies which parent reference to follow from a merge commit.
Remember that merge commits have multiple parents, so the path to choose
 is ambiguous.

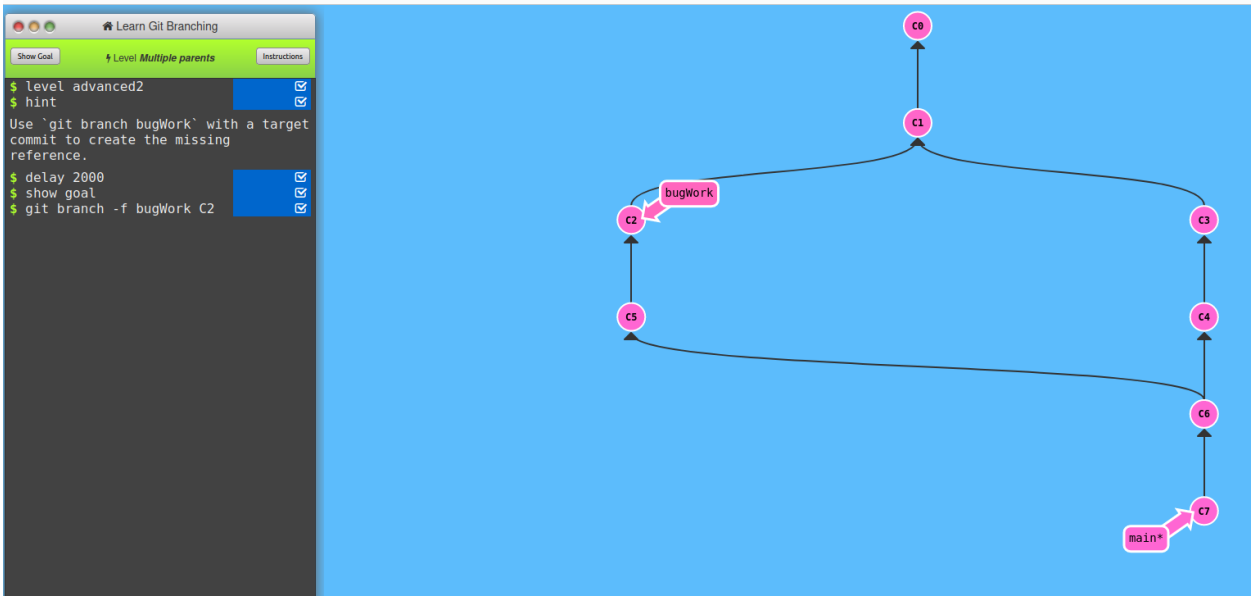
Git will normally follow the "first" parent upwards from a merge commit, but specifying a number with `^` changes this default behavior.




Git Demonstration
Now let's try specifying the second parent instead...
git checkout main^2
Reset Animation
See? We followed the other parent upwards.
C0
C1
C2
HEAD
main
C3
C4
C6
C7
main*


Git Demonstration
Even crazier, these modifiers can be chained together! Check this out:
git checkout HEAD~^2~2
Reset Animation
The same movement as before, but all in one command.
C0
C1
C2
C3
HEAD
C4
C5
C6
main
C7
main*

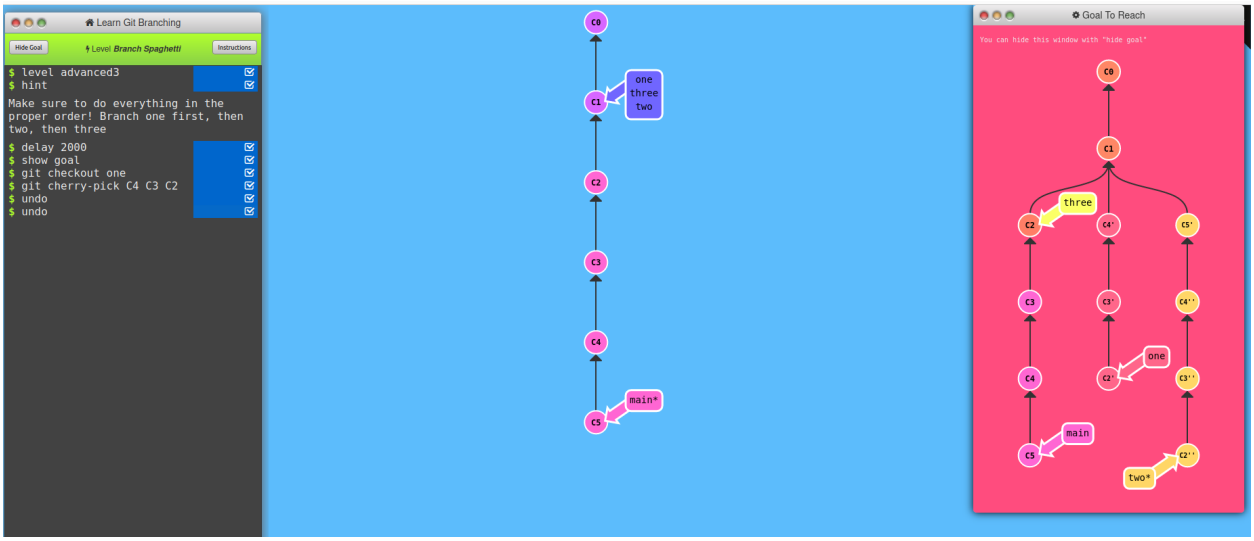


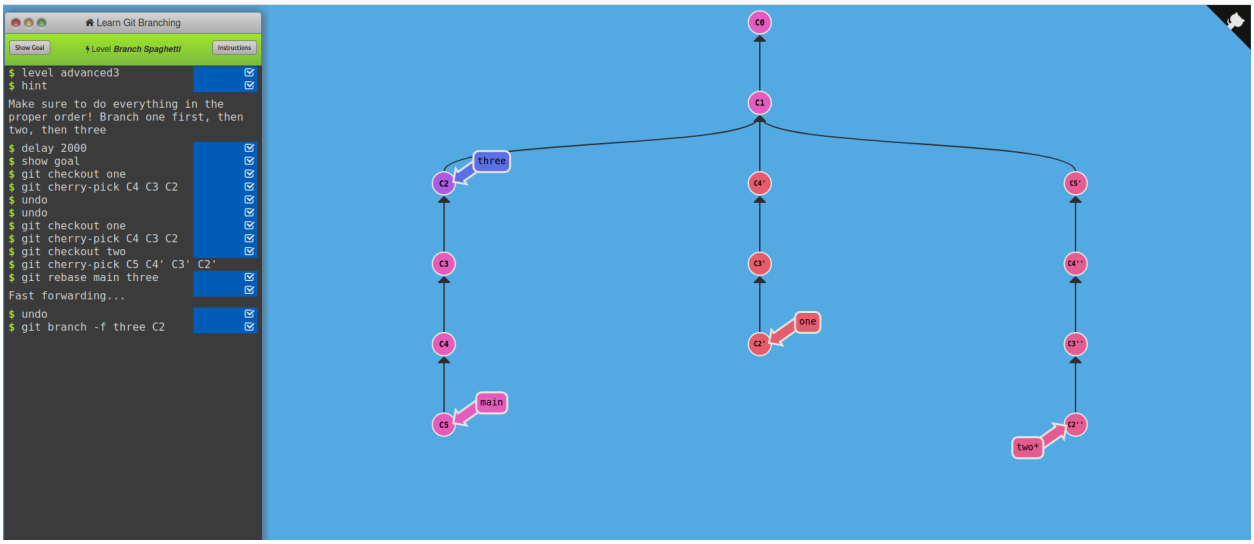



```
git branch -f bugWork C2
```

Task 3

In this task we have to rebase the branches one two and three and achieve the following goal.






```
git checkout one
git cherry-pick C4 C3 C2
git checkout two
git cherry-pick C5 C4' C3' C2'
git branch -f three C2
```