



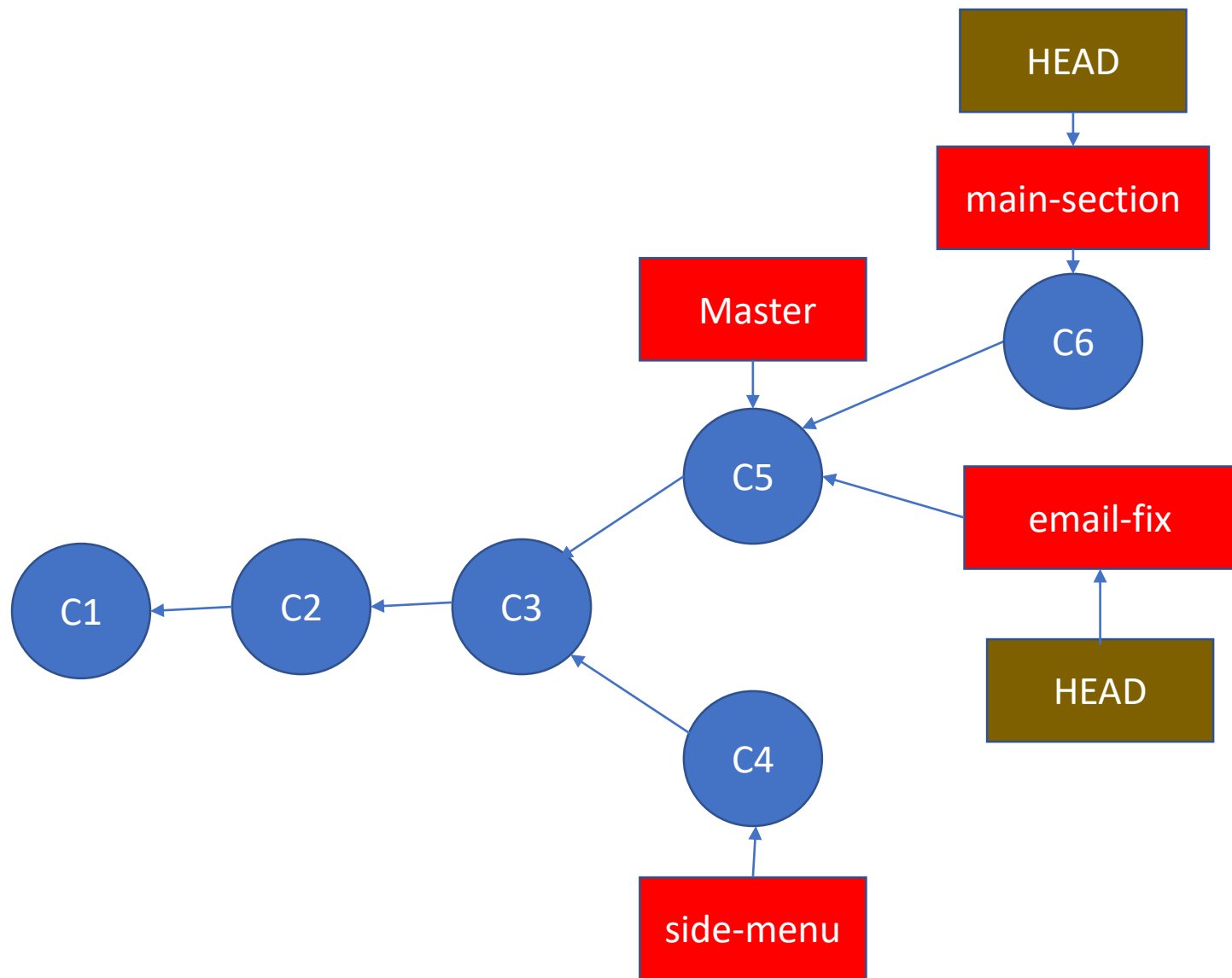
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Y. Suresh, Goru street, Palasa,  
Srikakulam, 532221

Git

SureshTechs



# Git

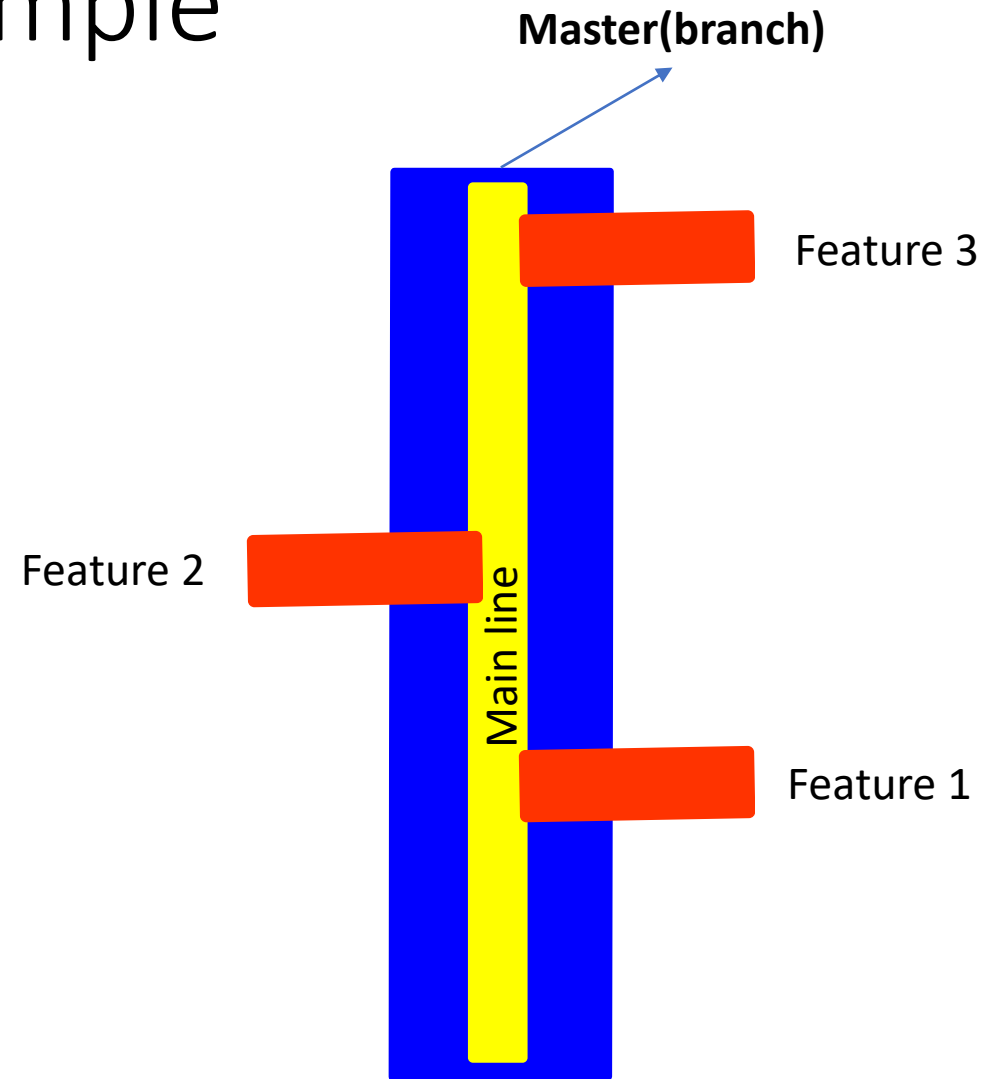
## Branching

# Work along with me

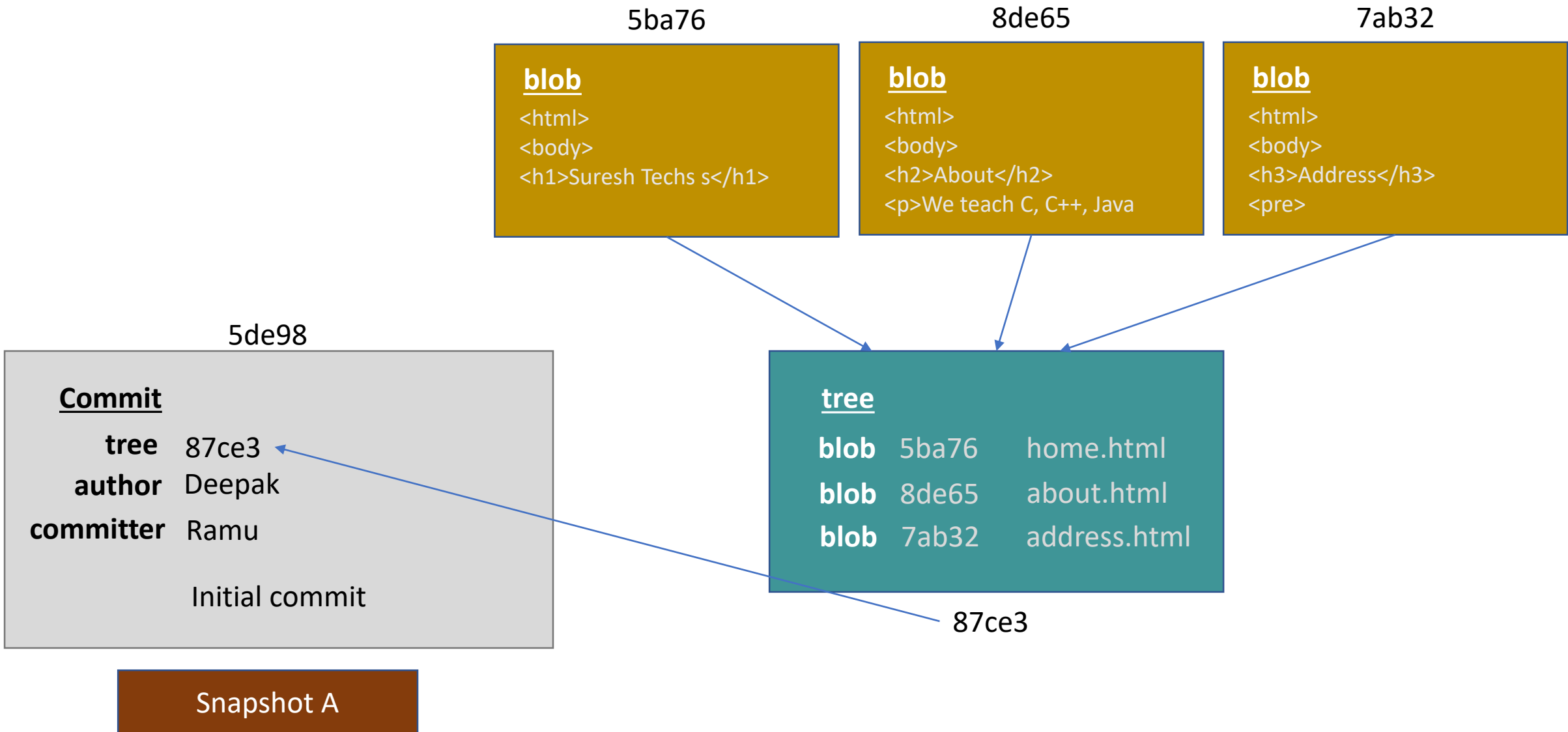
- Create a folder named suresh-techs
- Create three files named:
  - home.html
  - about.html
  - address.html

Initialize git

# House example



# Commit - Snapshot



# Task 1 – Update home page

- Change title “Suresh Techs” to “Suresh Techs Youtube”
- Commit code

# One more commits

5de98

4ae12

## Commit

**tree** 87ce3

**parent**

**author** Deepak

**committer** Ramu

Initial commit

## Commit

**tree** 9ea23

**parent** 5de98

**author** Deepak

**committer** Ramu

Updated home page

Snapshot A

Snapshot B



## Task 2 – Update about page

- Change title “About” to “About Suresh Techs”
- Commit code

# One more commit

5de98

4ae12

7ed91

## Commit

**tree** 87ce3  
**parent**  
**author** Deepak  
**committer** Ramu  
Initial commit

## Commit

**tree** 9ea23  
**parent** 5de98  
**author** Deepak  
**committer** Ramu  
Updated home page

## Commit

**tree** 87ce3  
**parent** 4ae12  
**author** Deepak  
**committer** Ramu  
Updated about page

Snapshot A

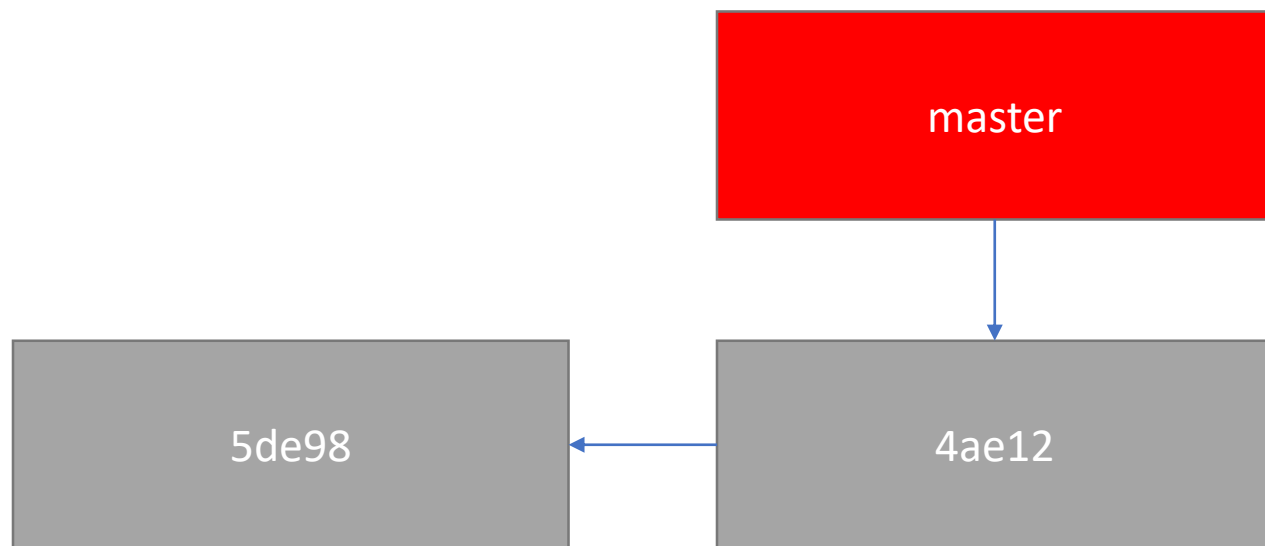
Snapshot B

Snapshot C

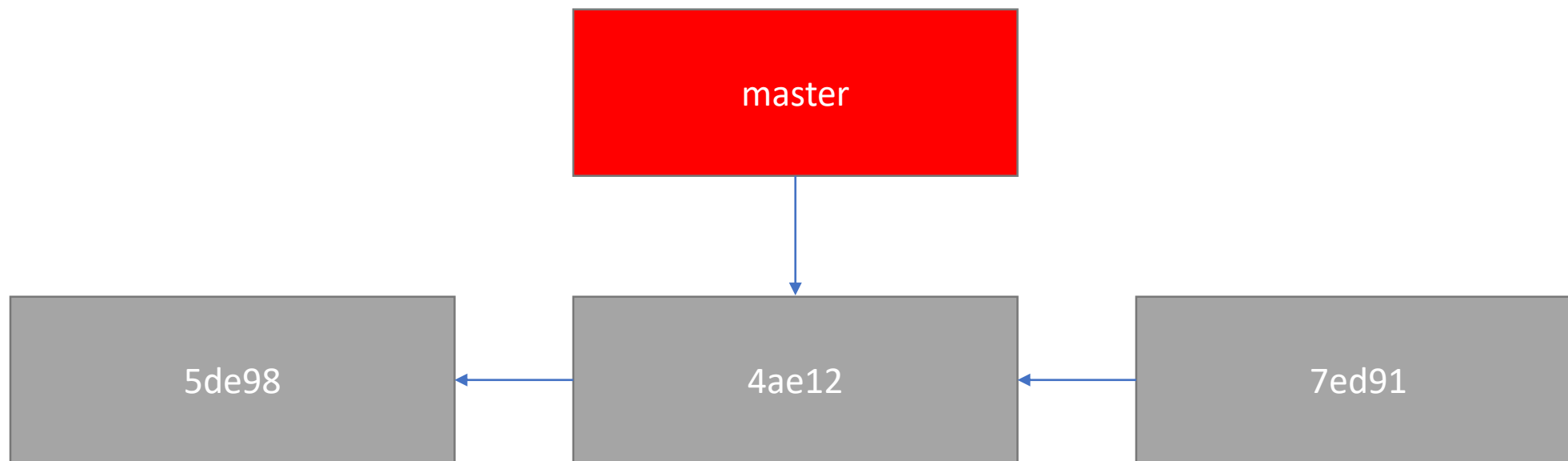
# Branch - Pointer

- Pointer to one of the commit's

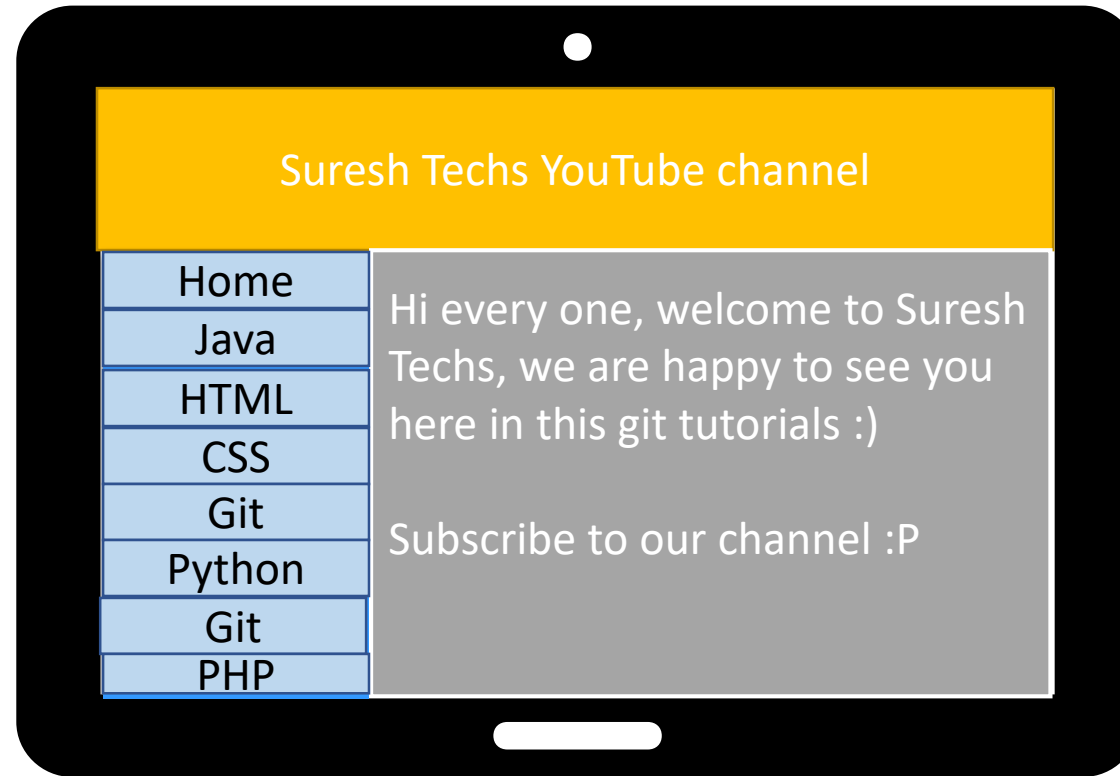
# After commit 1



# After commit 2

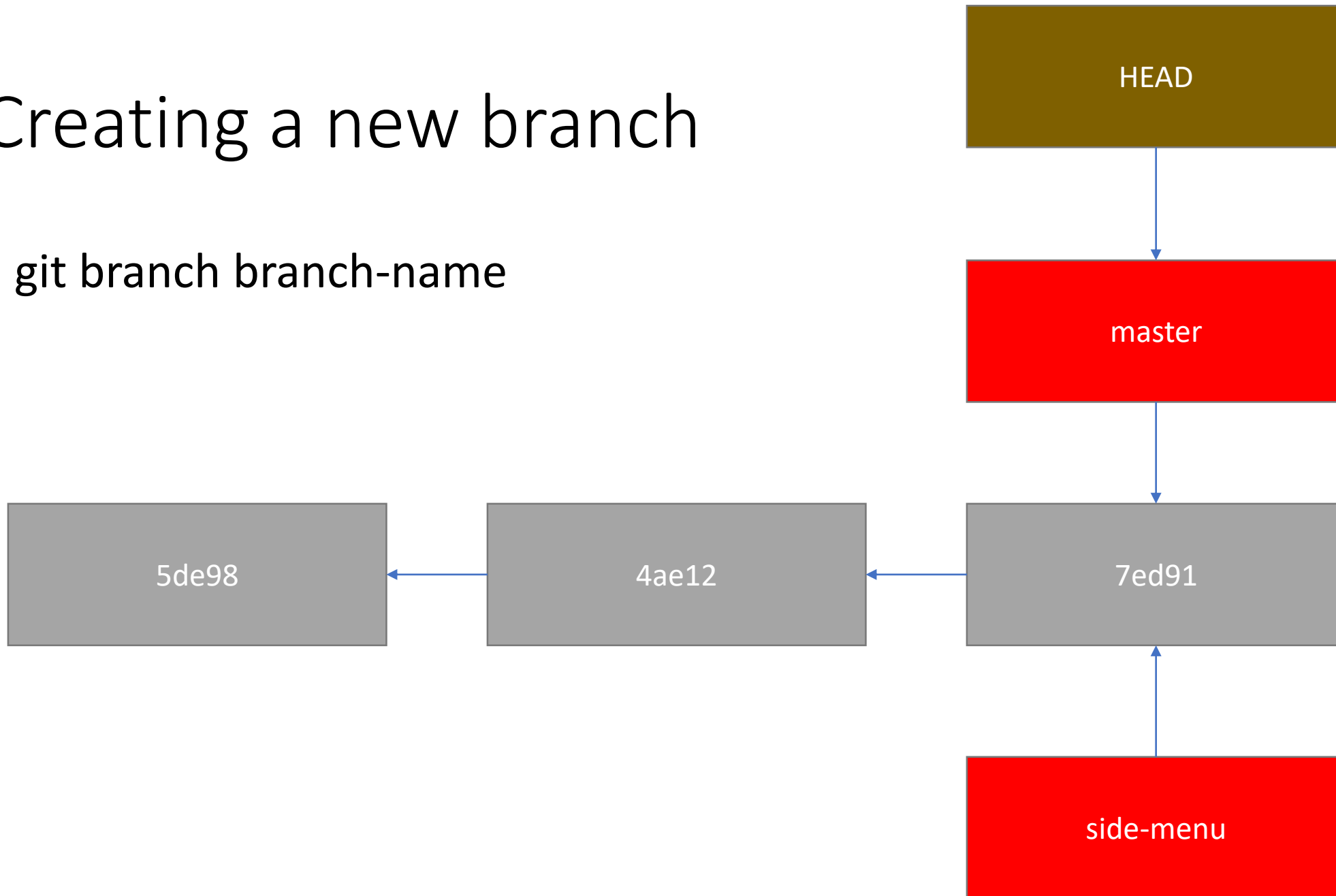


# Suresh-techs website



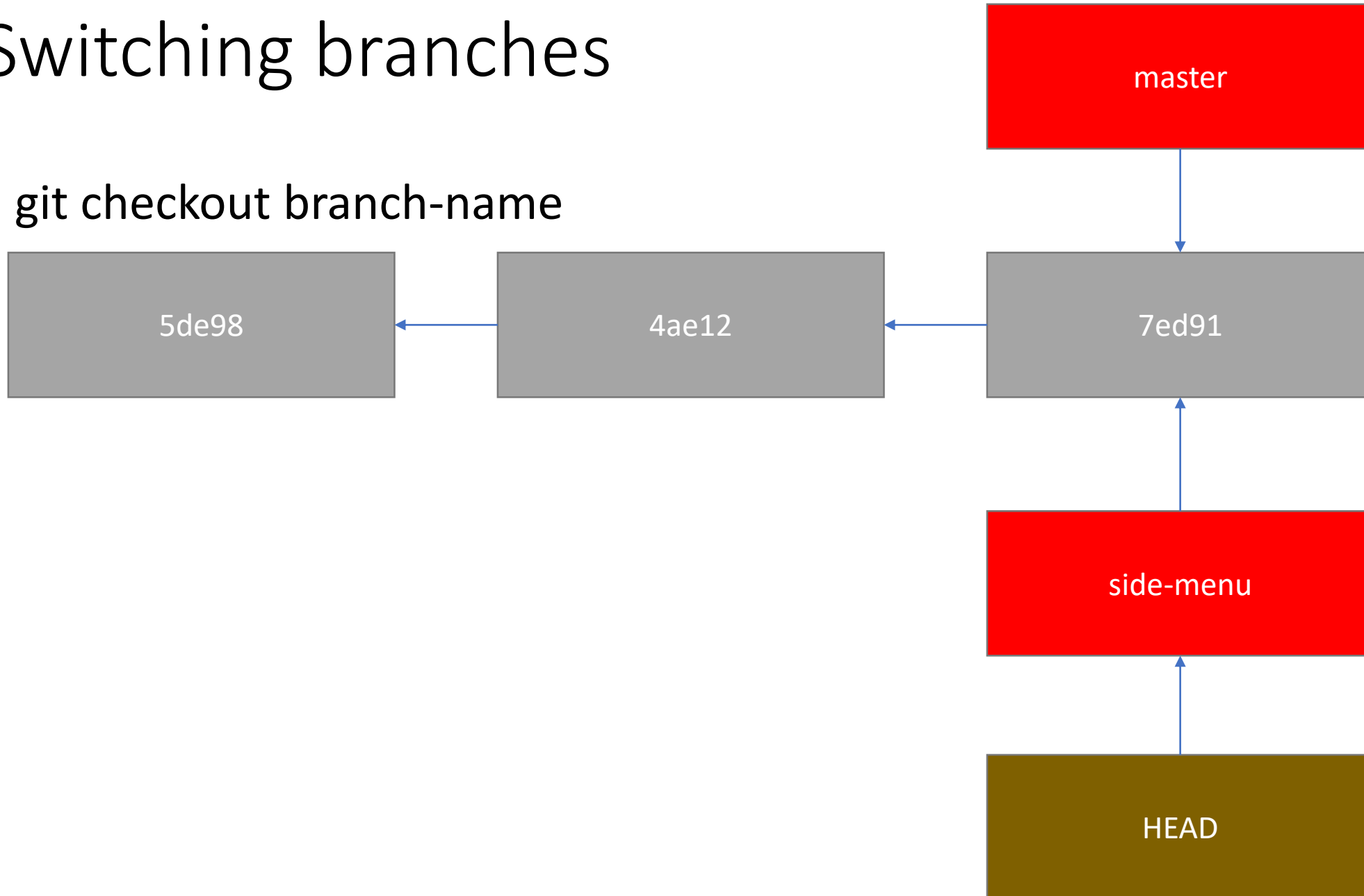
# Creating a new branch

- `git branch branch-name`



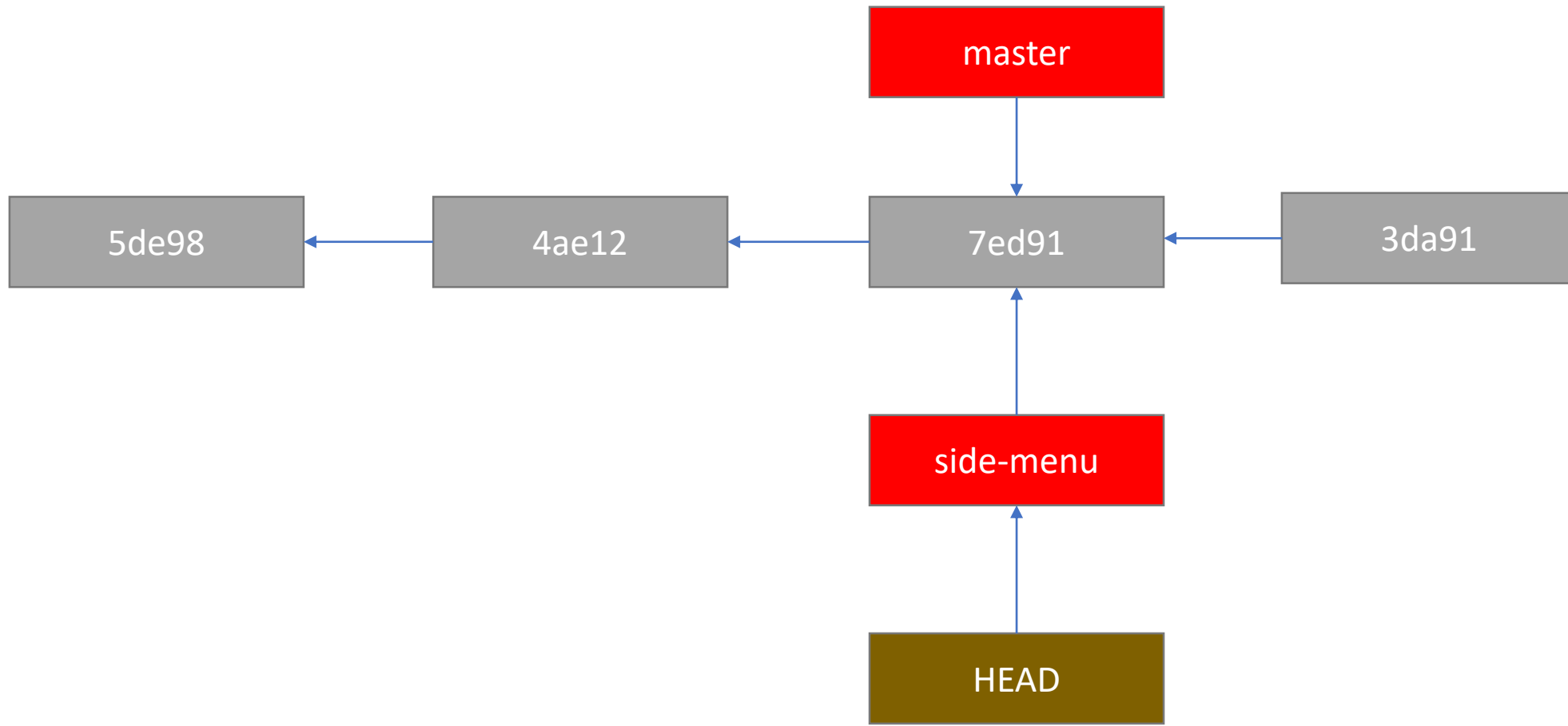
# Switching branches

- `git checkout branch-name`





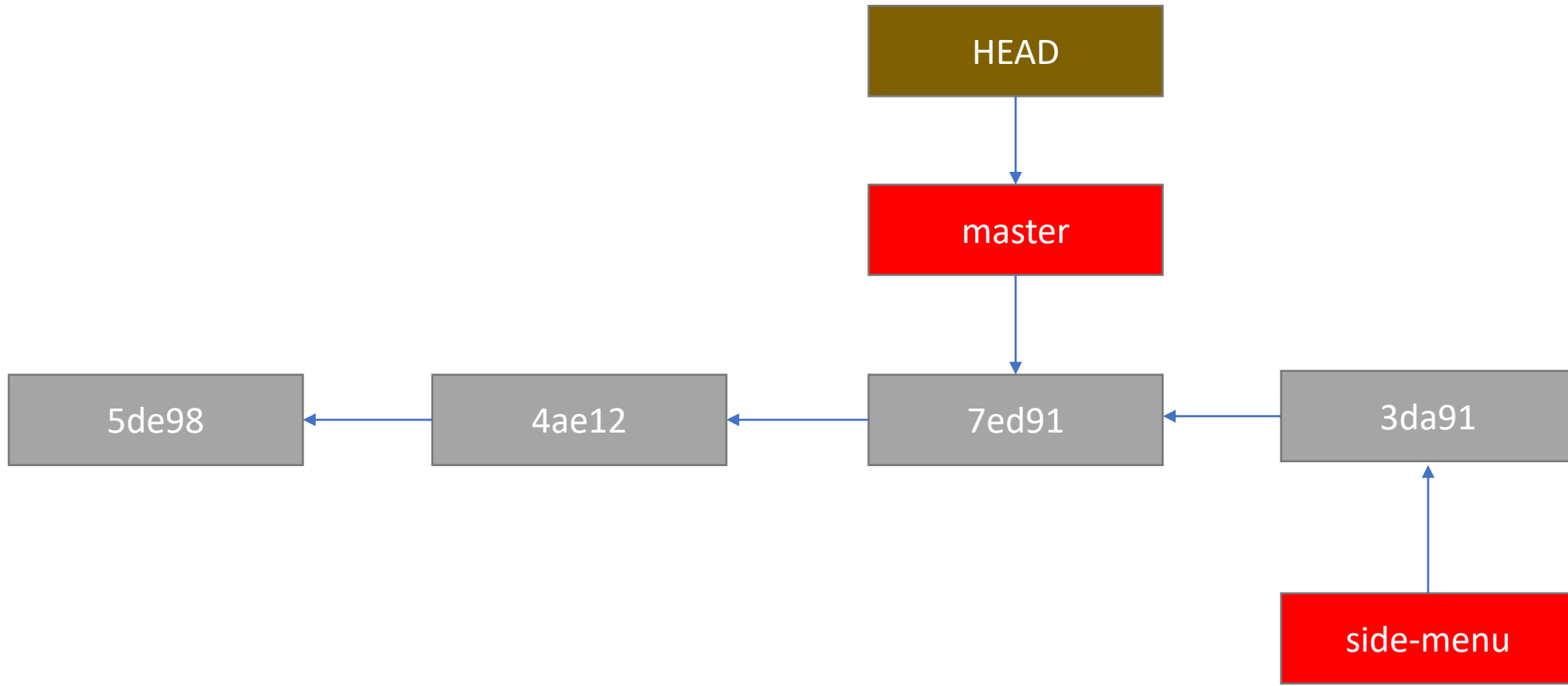
# As you commit, new branch moves



# Switch back to master

- `git checkout master`
- Note: Switching branches changes files in your working directory
- `git log --oneline --all`

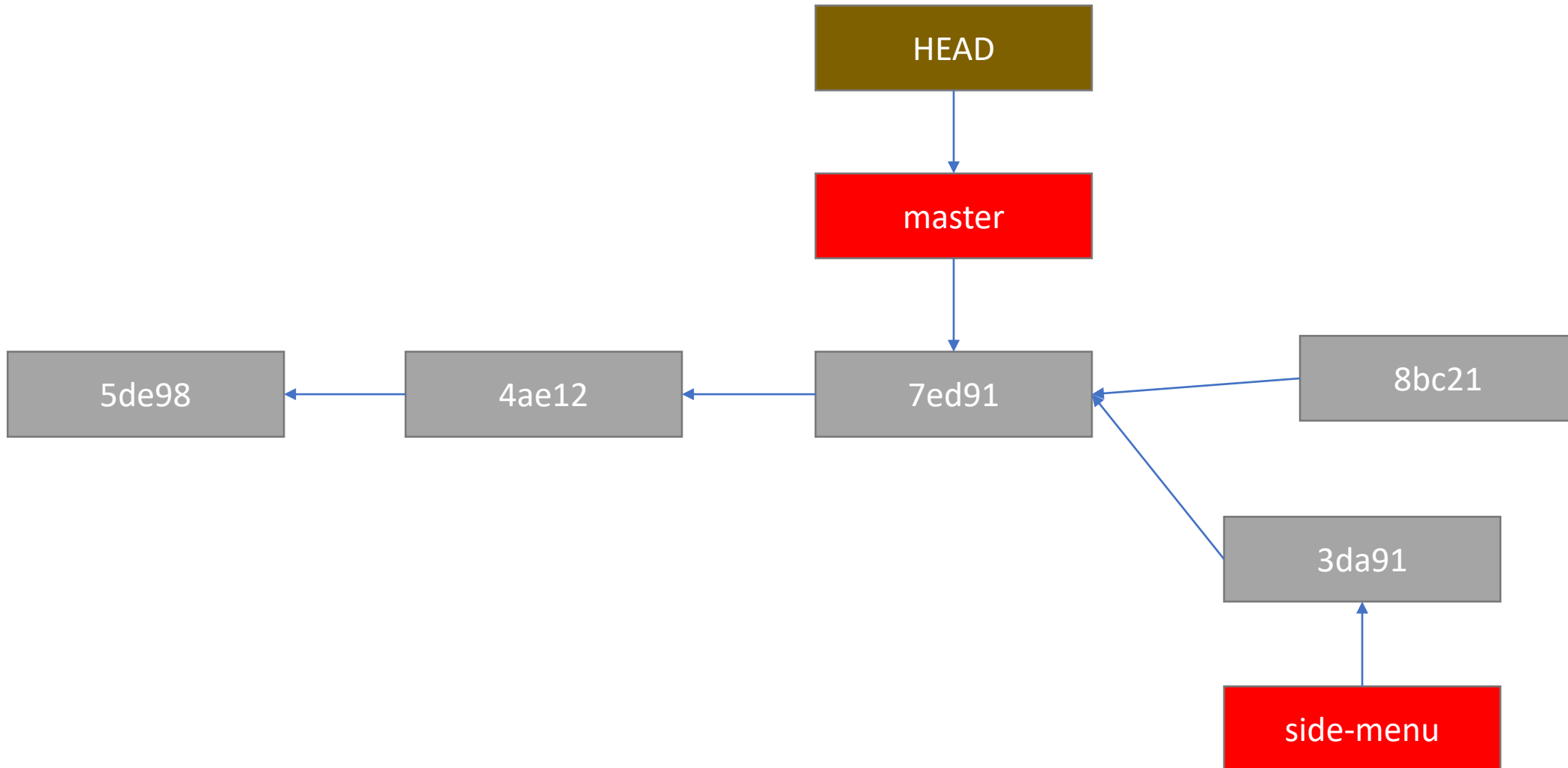
# Switched to master



# Do some changes in master

- Commit

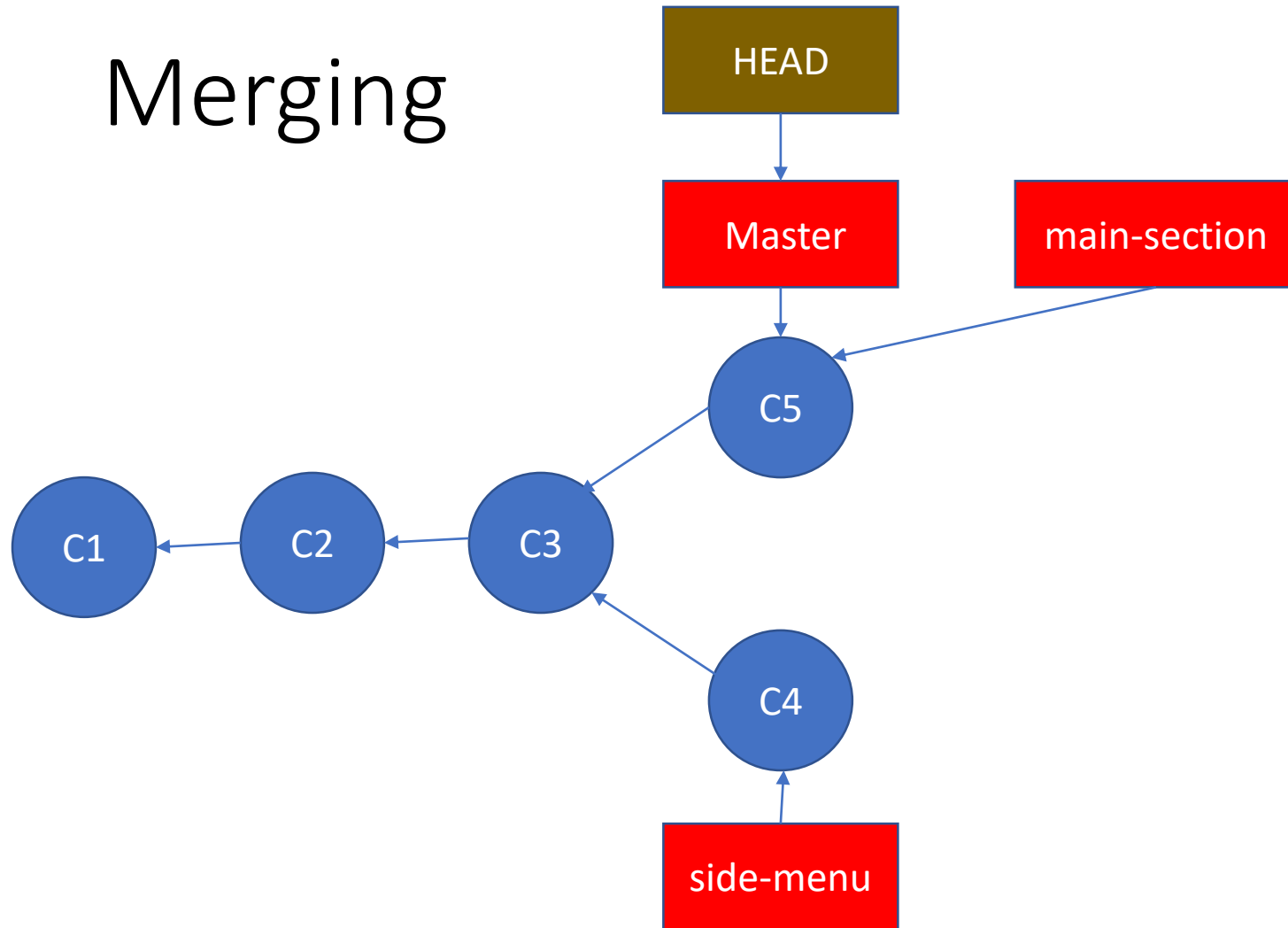
# Flow after new commit in master

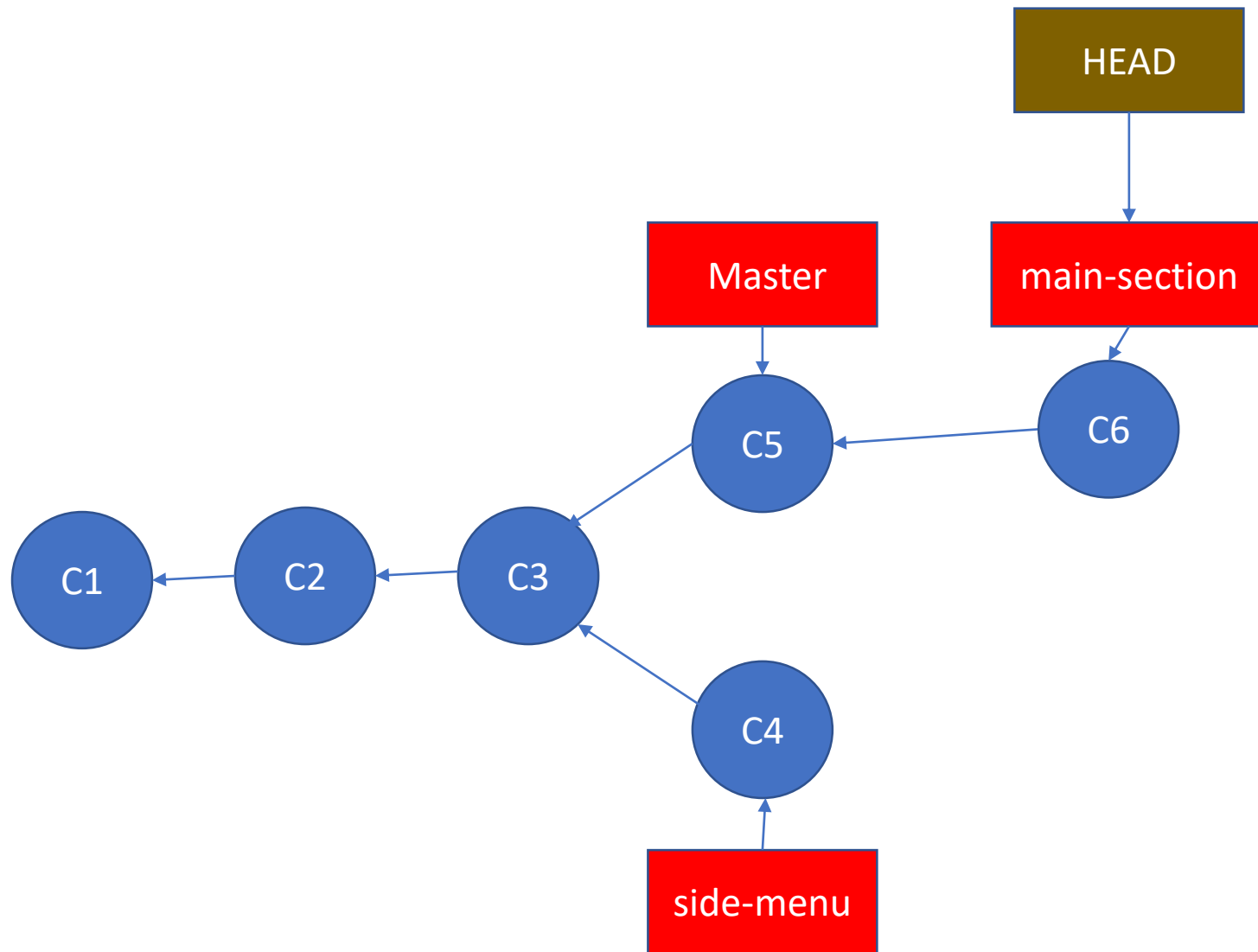


# Creating branch and switching same time

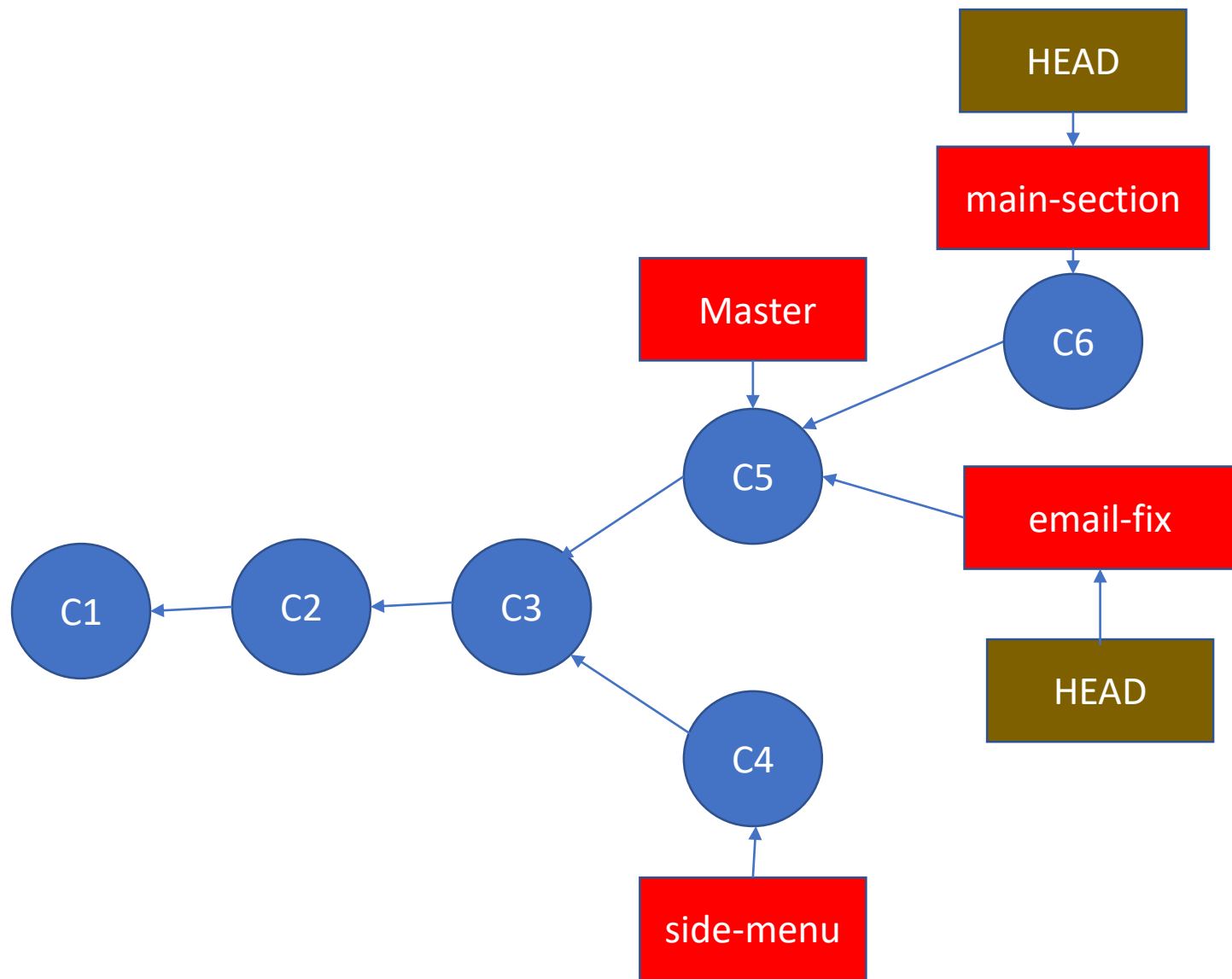
- `git checkout -b branch-name`
- `git checkout -b main-section`

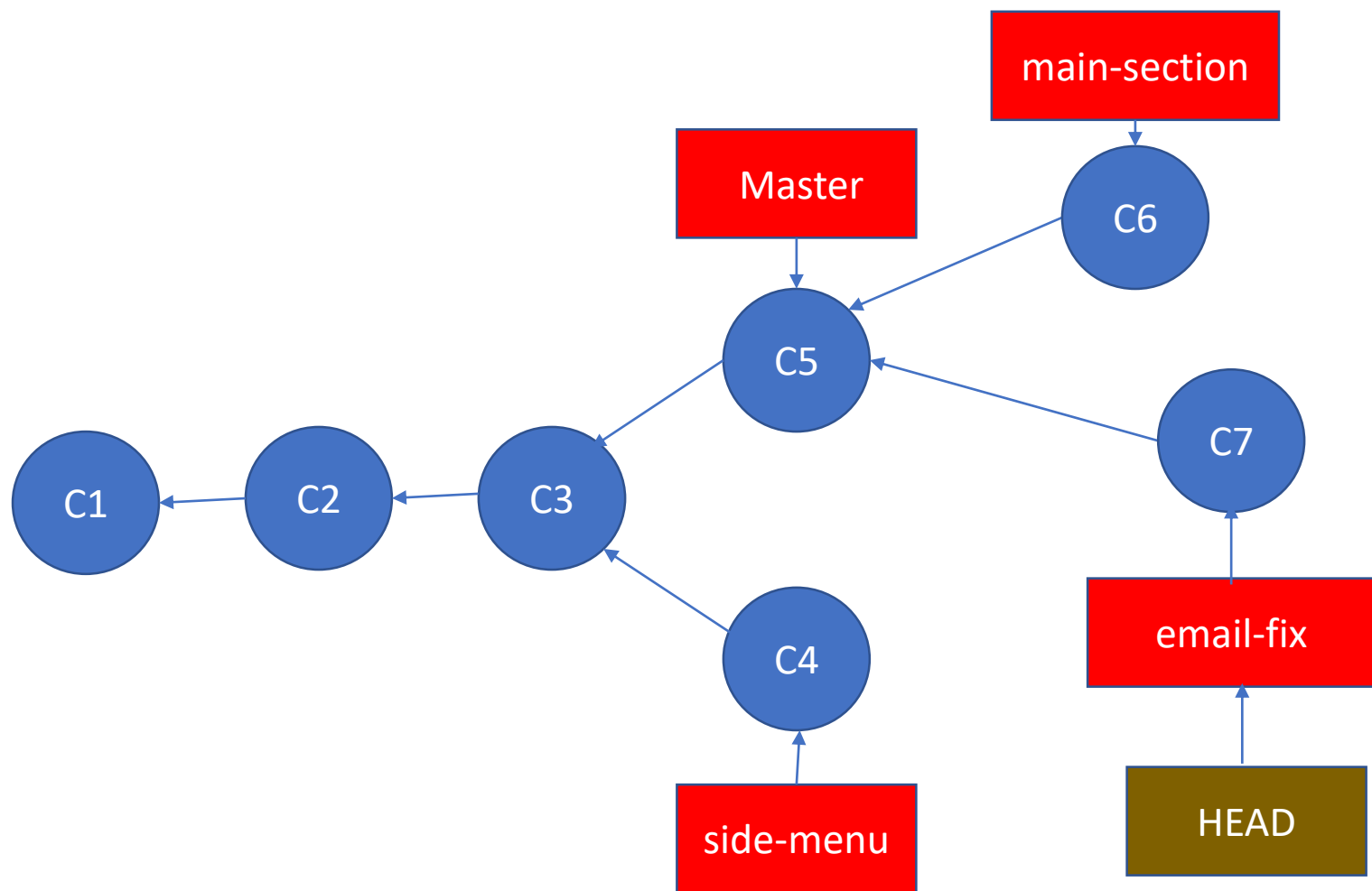
# Merging

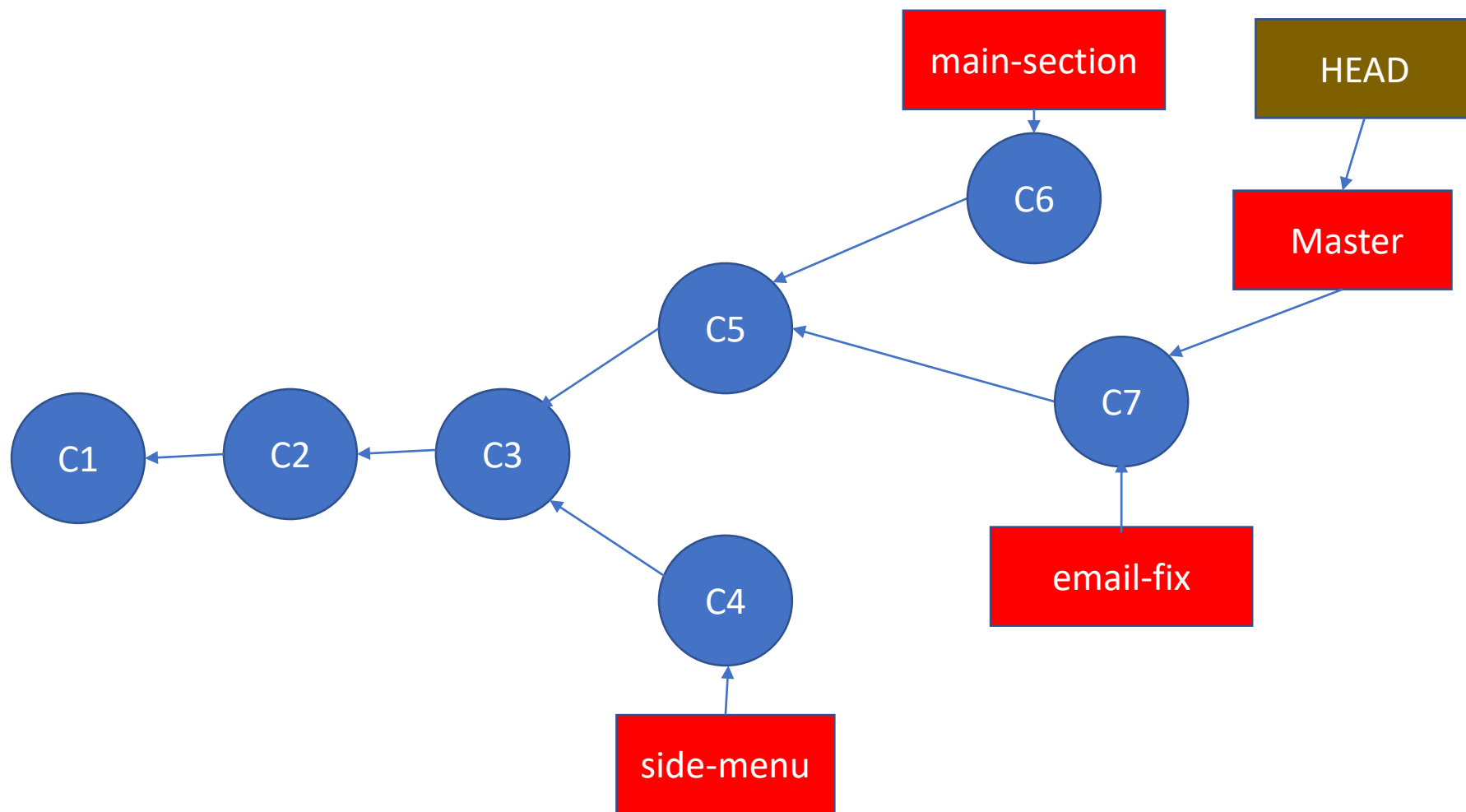












# Deleting a branch

- `git branch -d branch-name`

# Bonus

- `git branch --merged`
- `git branch --no-merged`

# What next?

- Alias
- Remote branching
- Stashing
- Rebase
- Tagging

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Srikakulam, 532221

# Thank you

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