



git & github

Intro to Git and Github, and be a poet!

Nan Zhao | n.zhao0320201@arts.ac.uk

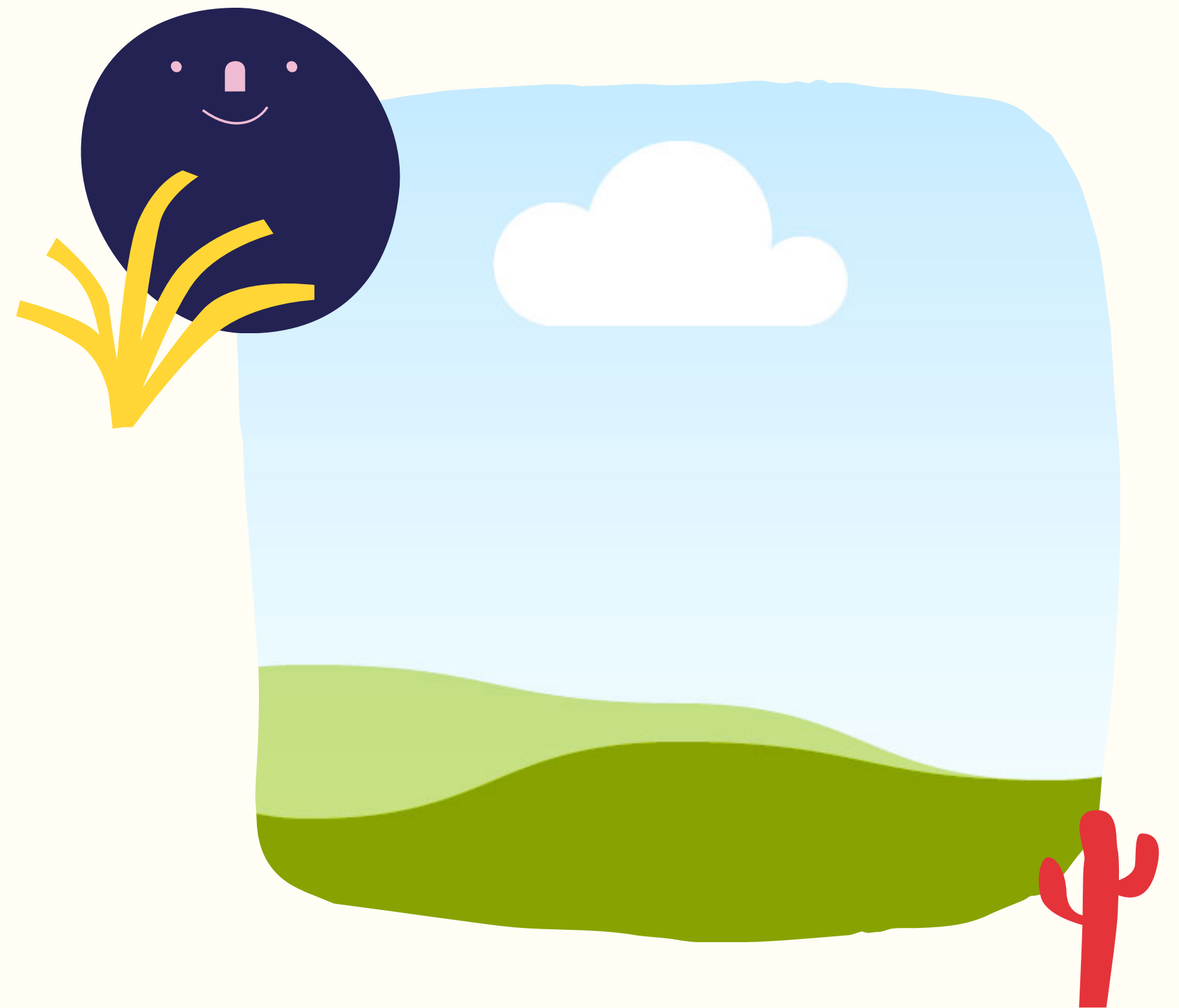
Schedule

Workshop 1: Write a poem with Github

Understand Git and Github, Start using Git through Github.

Workshop 2: Use Git locally & Master the command lines

Learn how to use git locally on the computer with command lines. Understand different command lines. Host your MIMIC works on Github pages!

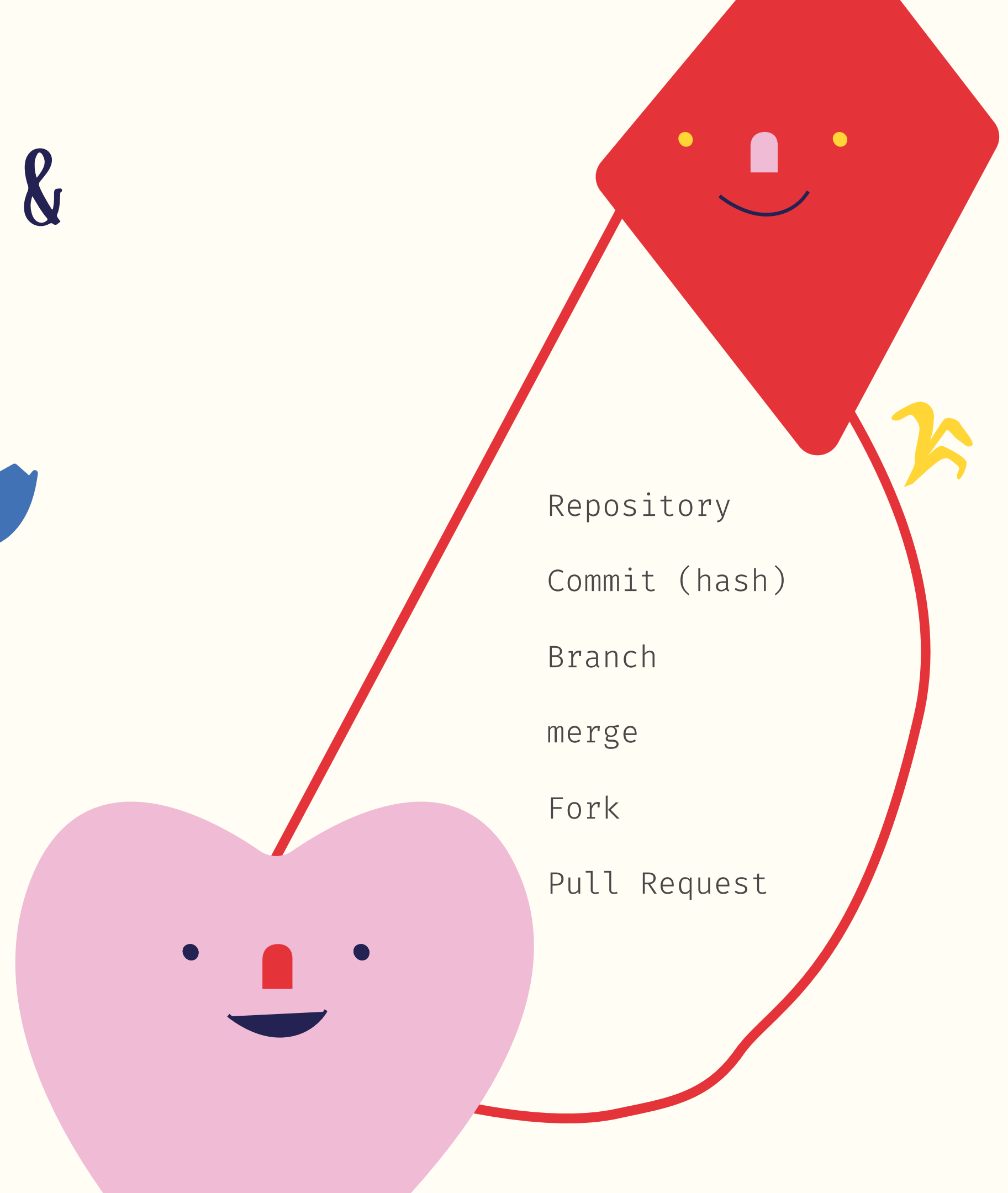


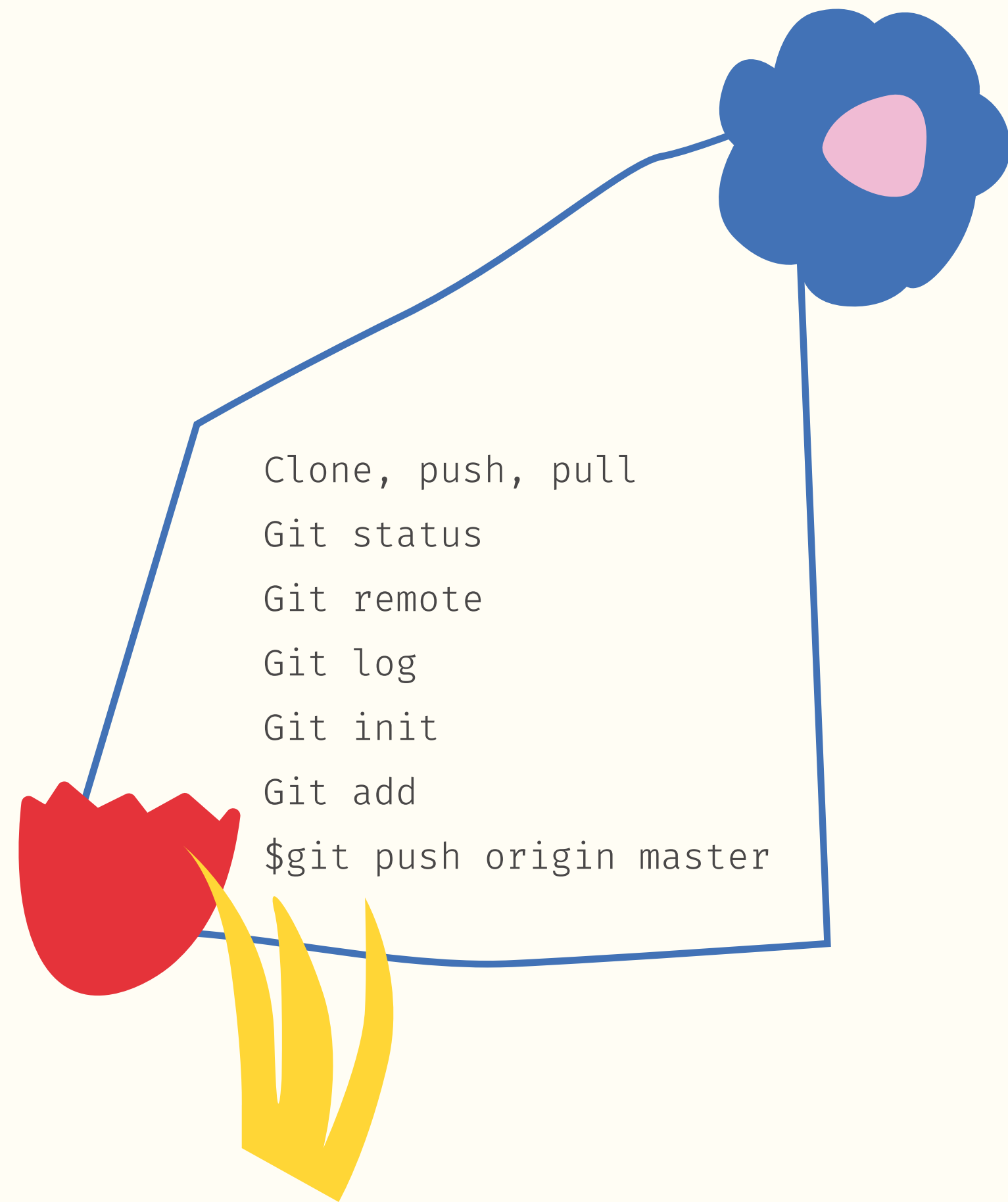
Understand Github & Write a poem

1- Intro

2- Branches

3- Forks and Pull Requests





Using Git On ur laptop

5- Command Lines & Install Git

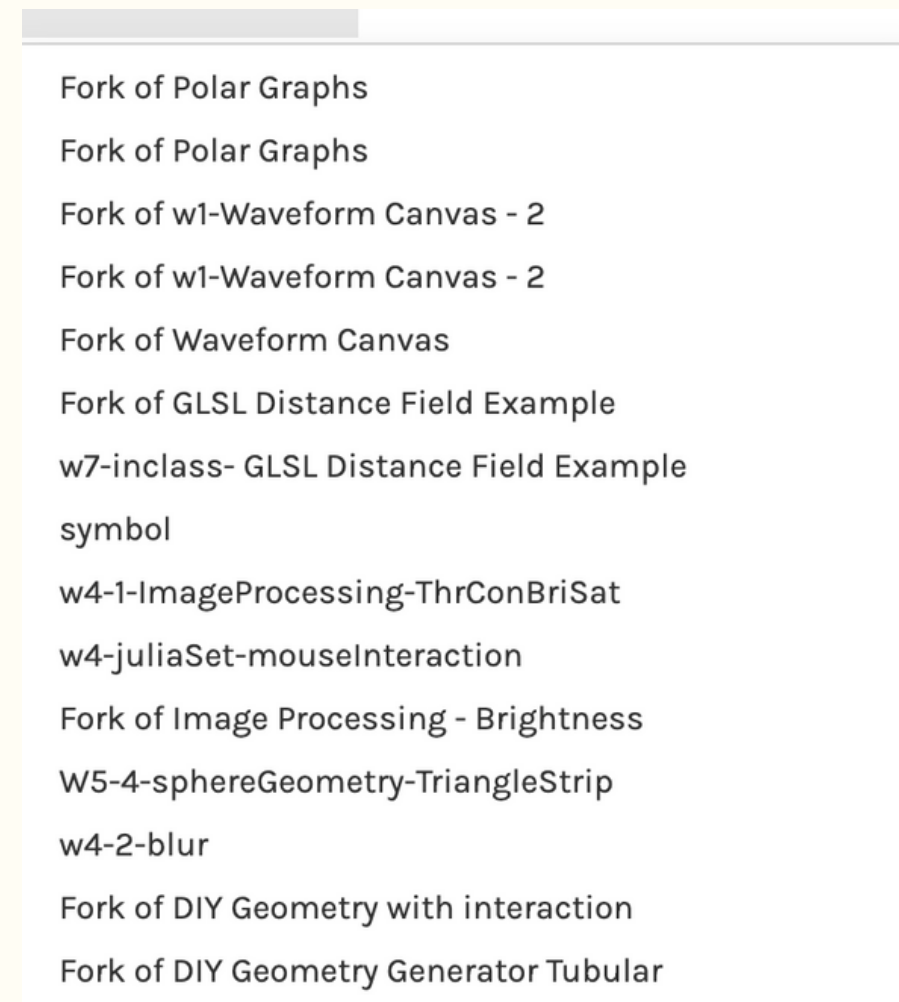
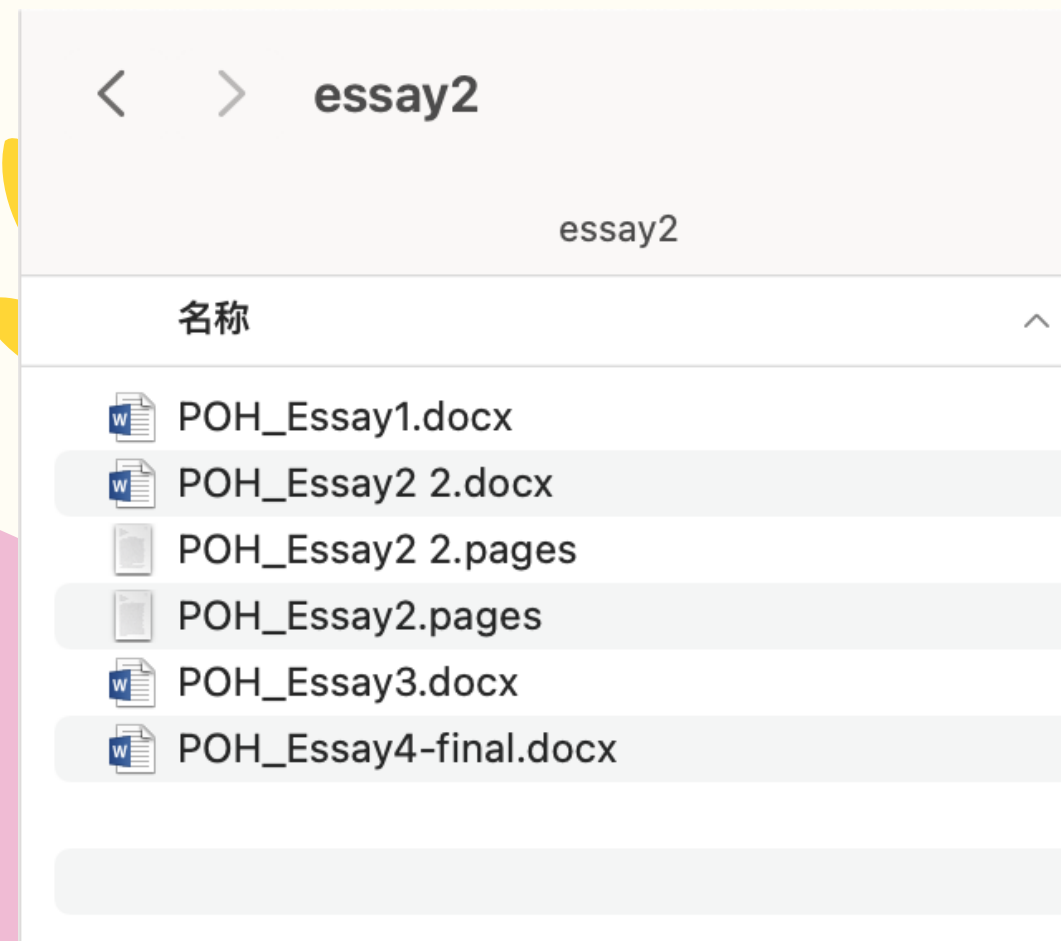
6- Working offline on 

7- From  to Github

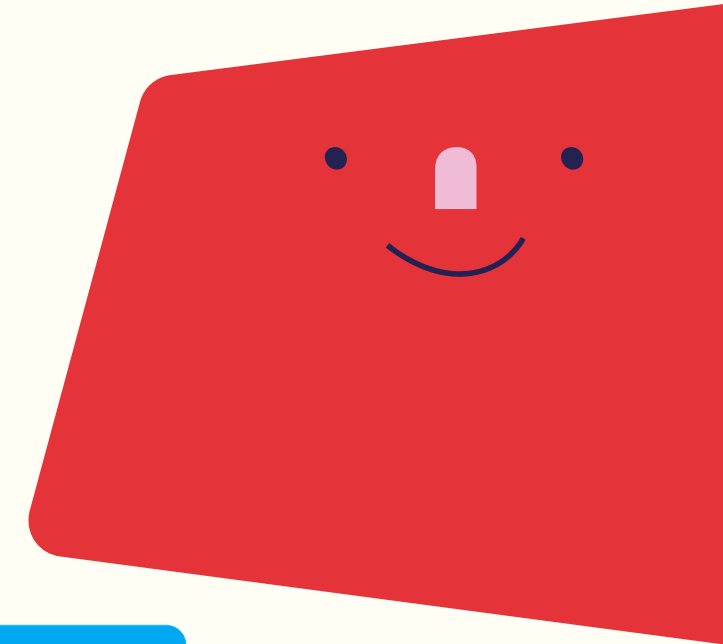
8- Hosting your projects!

Why you need Git?

Version Control

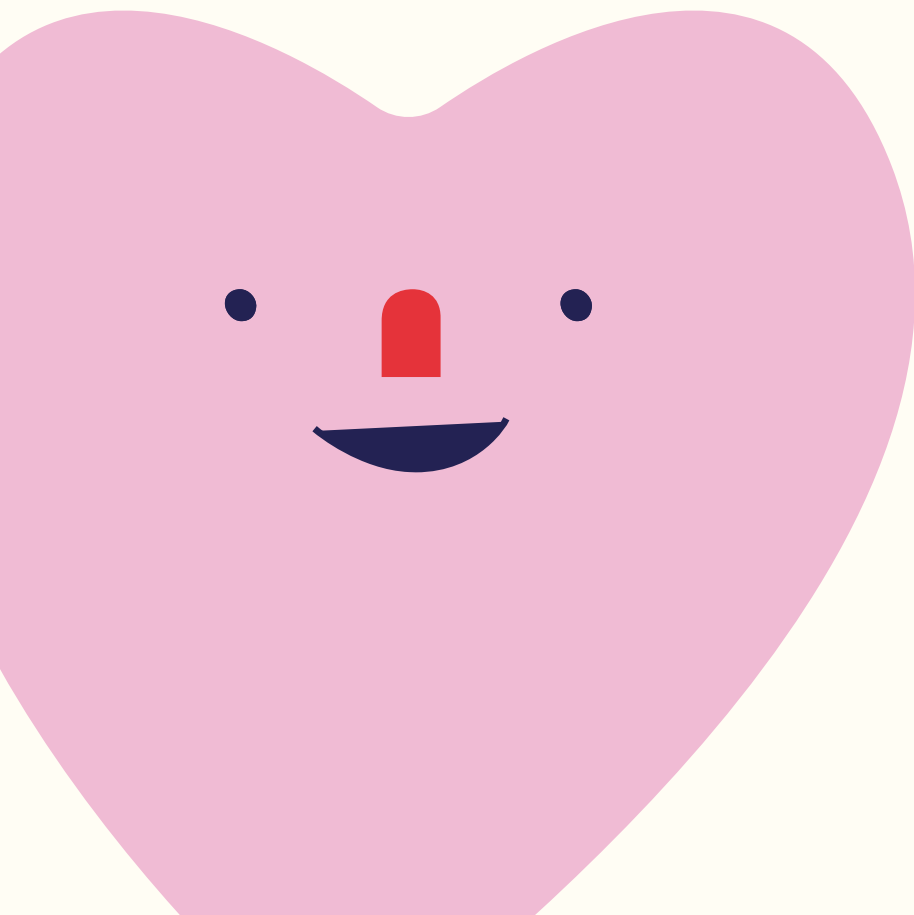
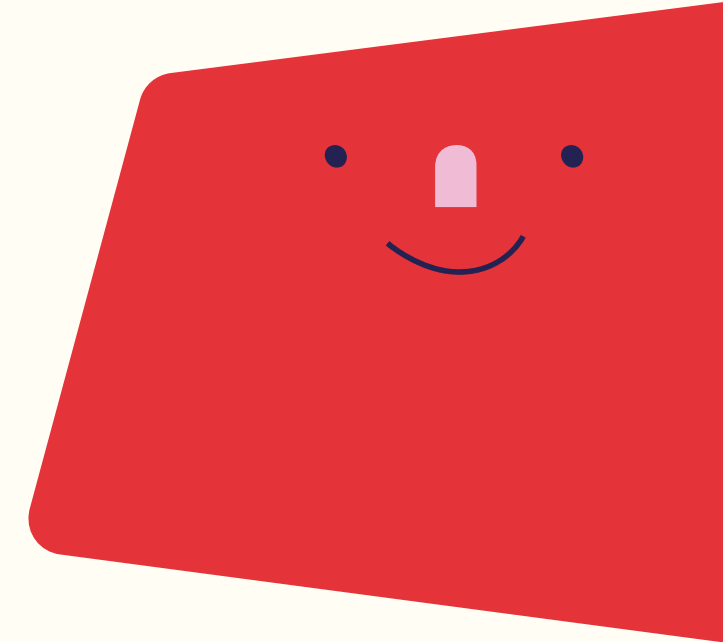


Google Docs



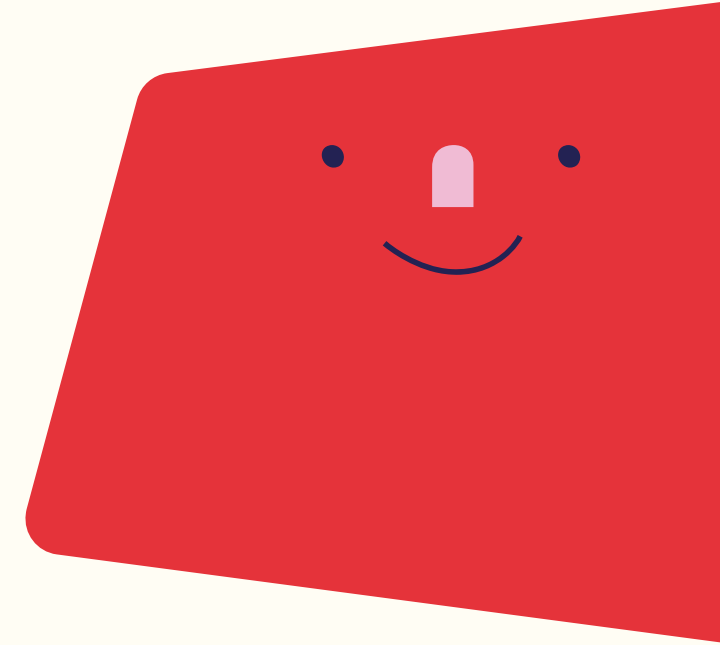
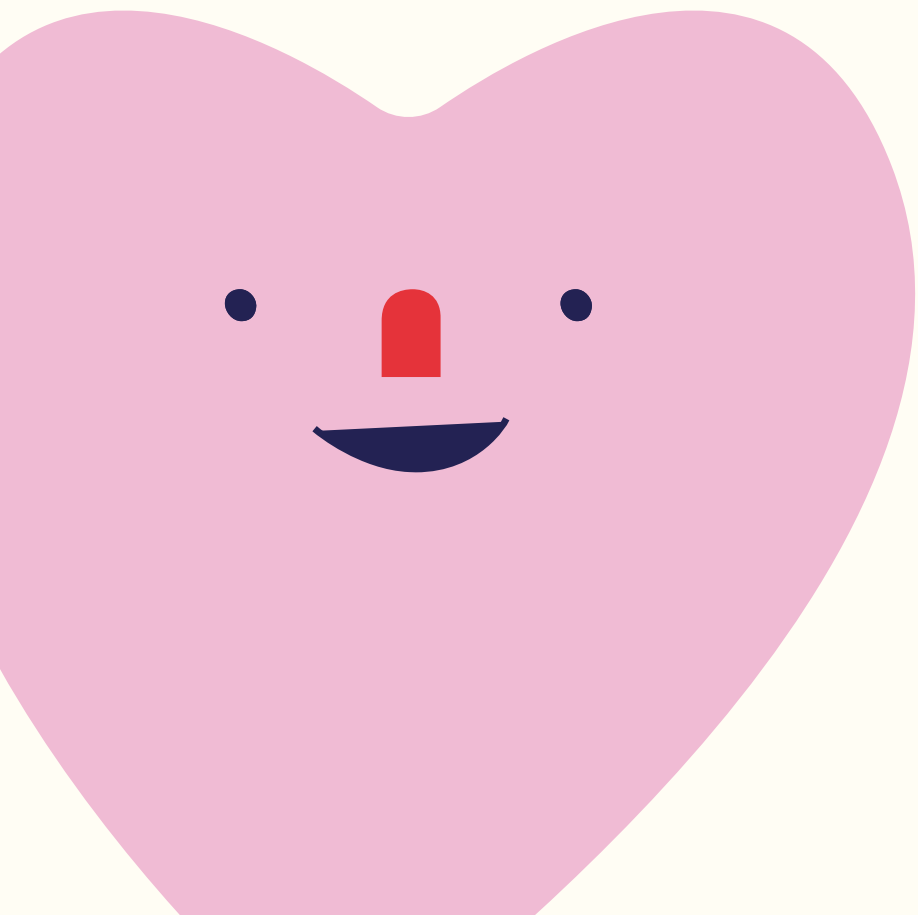
Why you need Git?

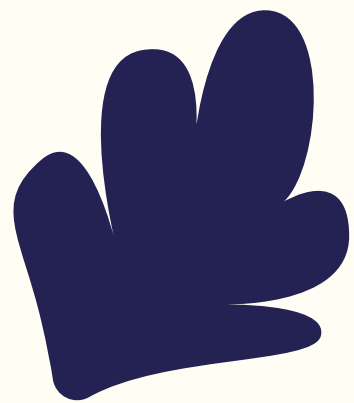
Version Control + Collaboration



Why you need Git?

This is a system that you can use to
keep track of the history of a project as well as
allow many people to collaborate on the project together.





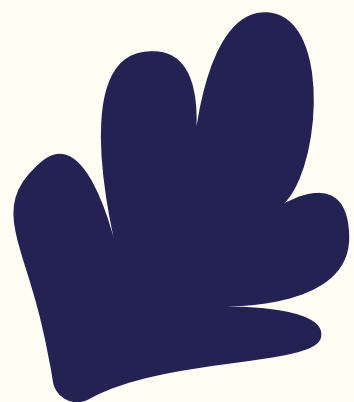
Git

The actual version-control
software

Github

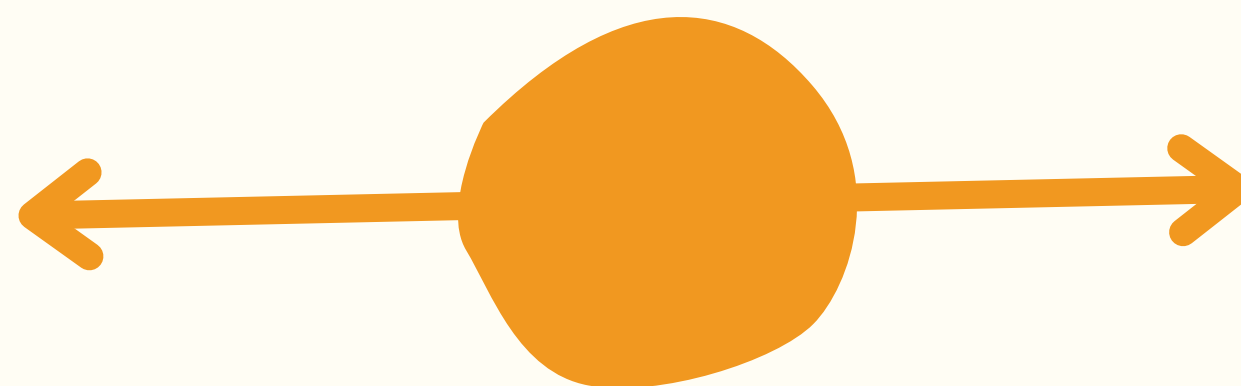
Web Services





Git

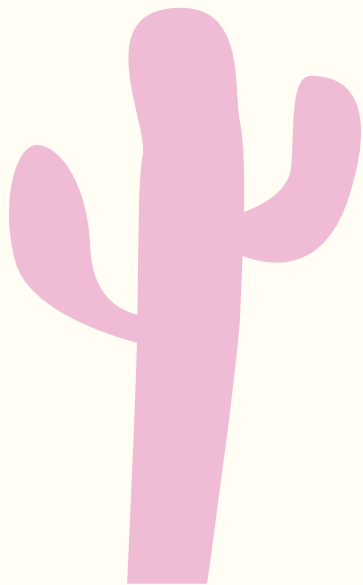
The actual version-control
software



Github

Web Services





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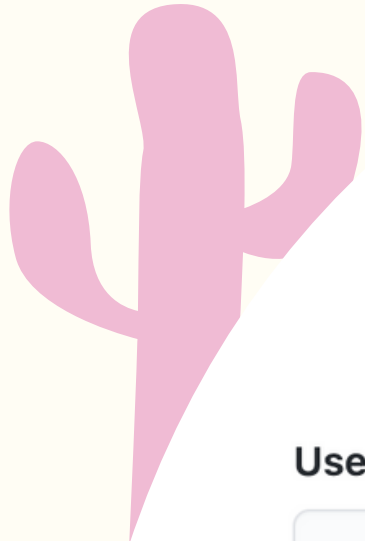
名称	修改日期	大小	种类
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 poem_fox_2	今天 下午 1:35	945 字节	多信息文本文稿
 poem_fox_3	今天 下午 1:35	945 字节	多信息文本文稿
 poem_fox_addAnotherPra	今天 下午 1:35	945 字节	多信息文本文稿
 poem_fox_addAnotherPra_changeWords	今天 下午 1:35	945 字节	多信息文本文稿
 poem_fox_final	今天 下午 1:35	945 字节	多信息文本文稿
 poem_fox_final_revised	今天 下午 1:35	945 字节	多信息文本文稿



Step 1:

Have your Github Account

just have a user name and an account



Join GitHub

Create your account

Username *

Email address *

Password *

Make sure it's **at least 15 characters** OR **at least 8 characters including a number and a lowercase letter**. [Learn more.](#)

Email preferences

occasional product updates

Step 2: Live

Let's write a poem!

Repository, Commit
What's READ.ME
Markdown





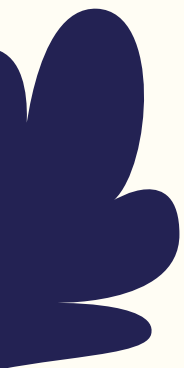
Git

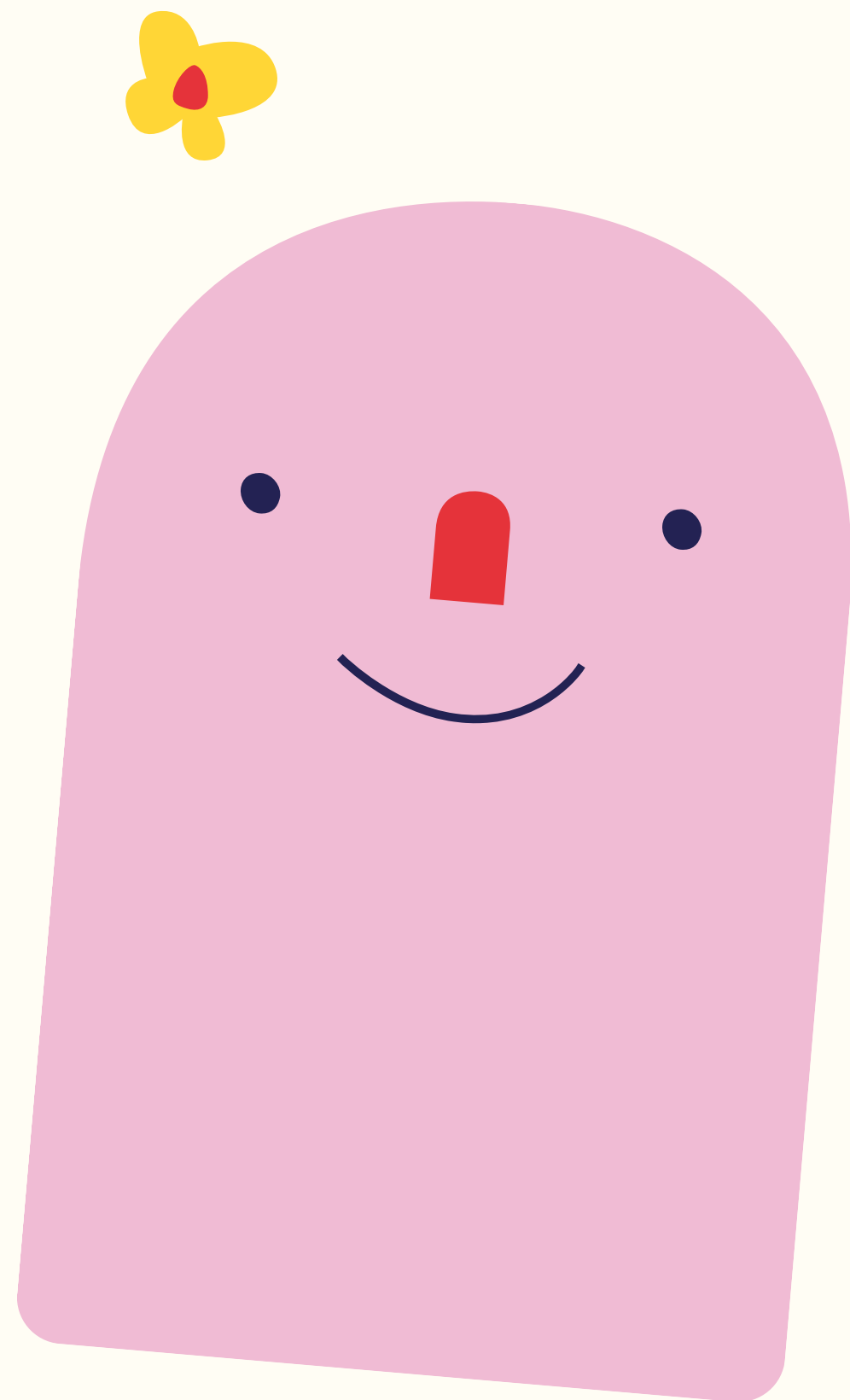
Github

Repository

Commit

Commit Hash

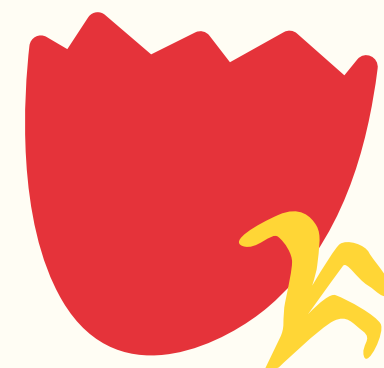
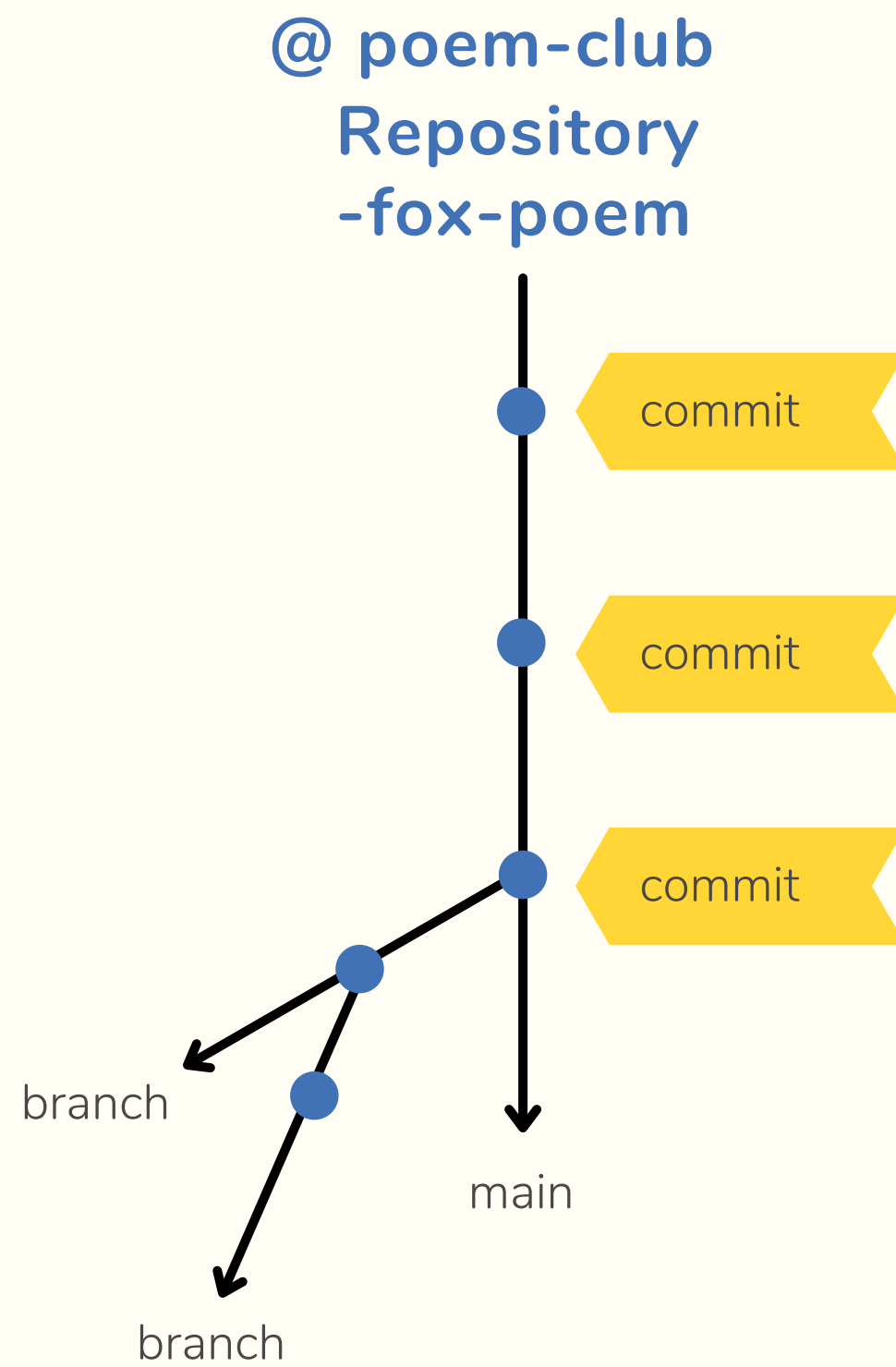
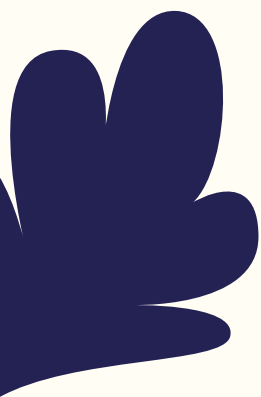


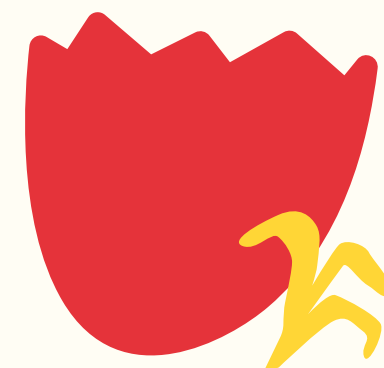
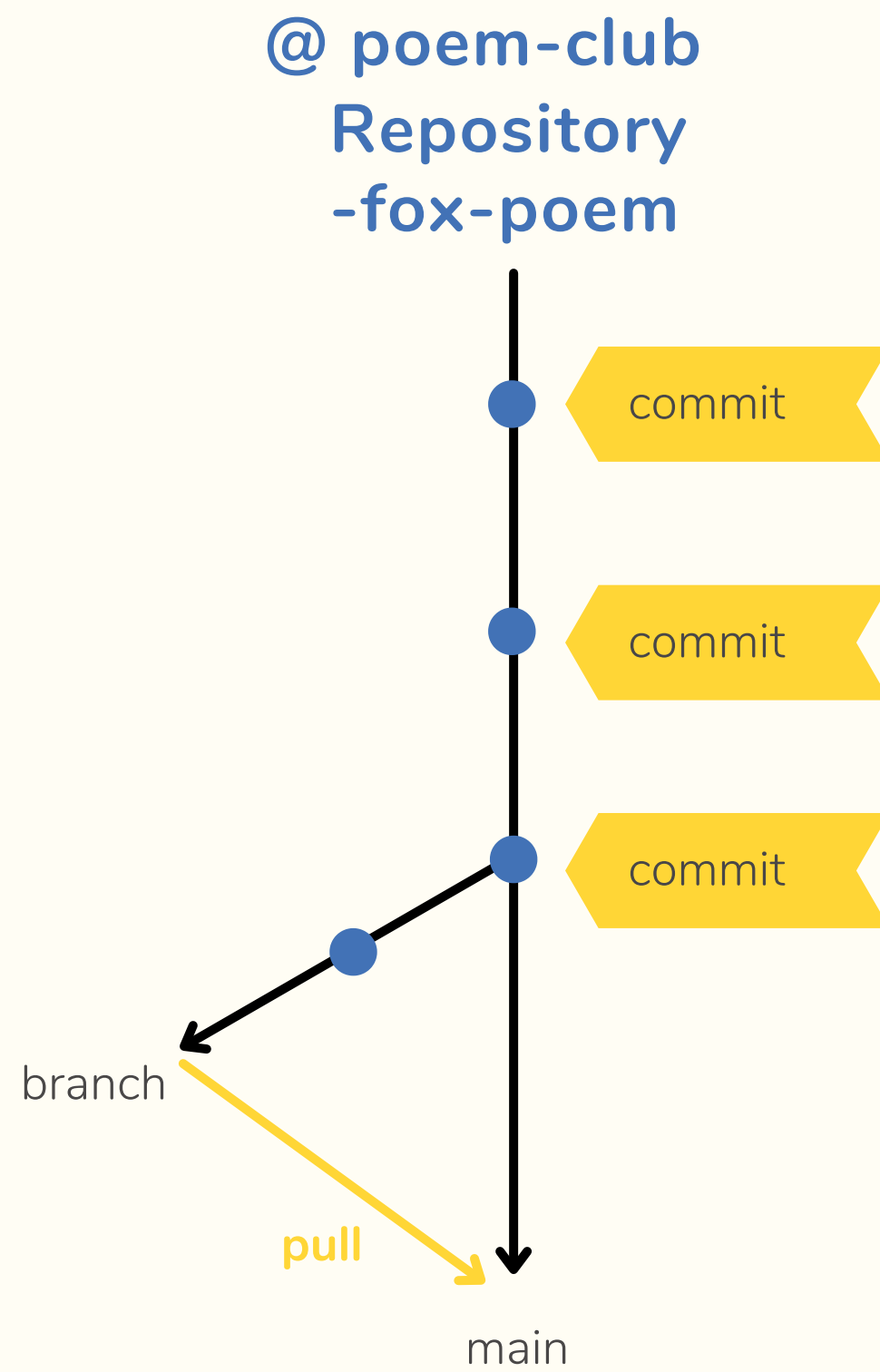
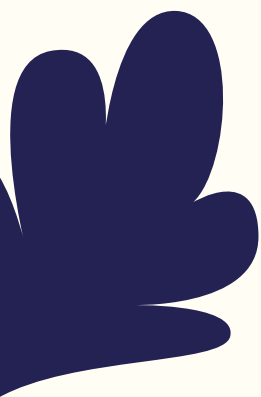
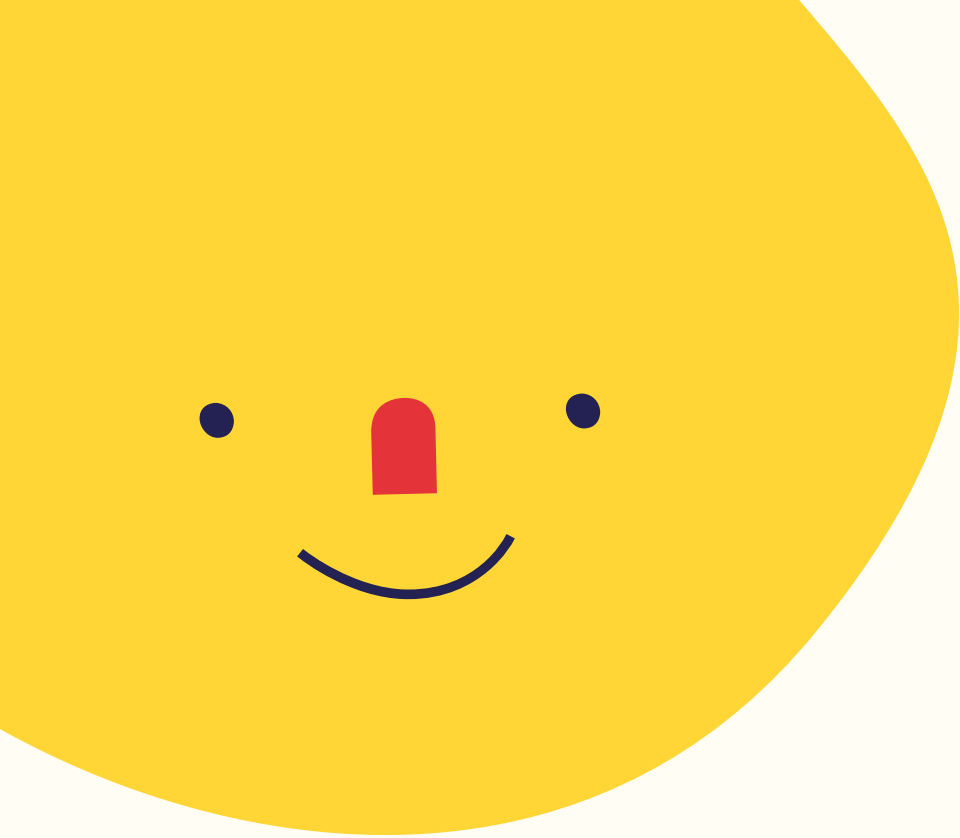


Step 3: *Live*

Make a Branch! (What if I want to add a story to a poem?)

Branch, Merge, Github Graph

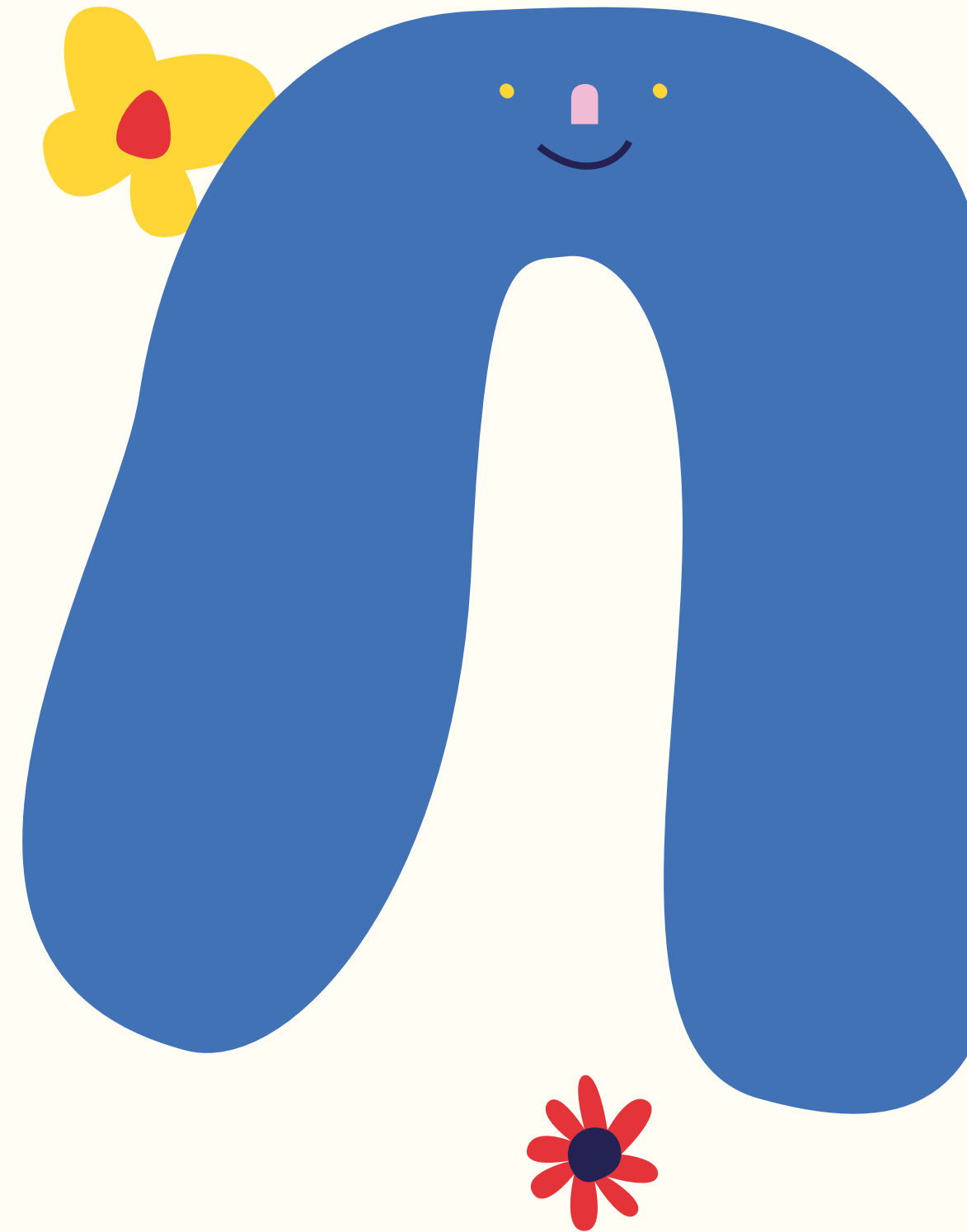


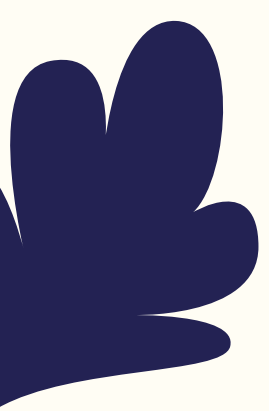


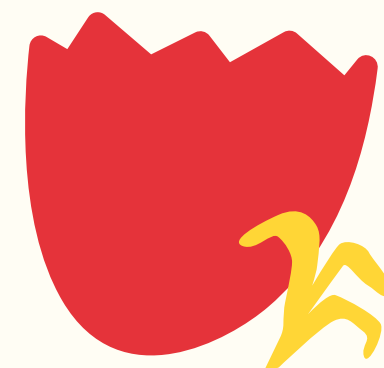
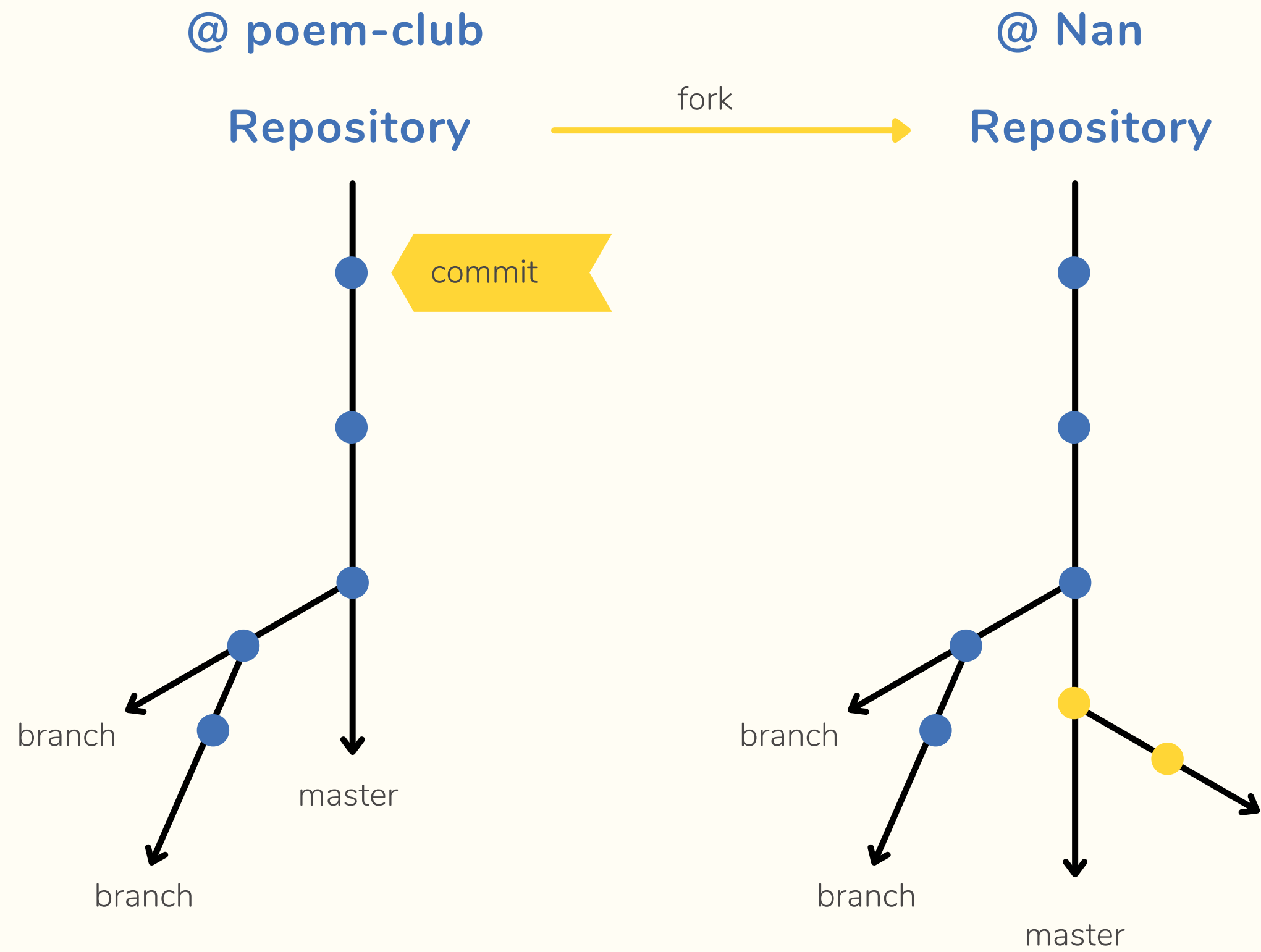
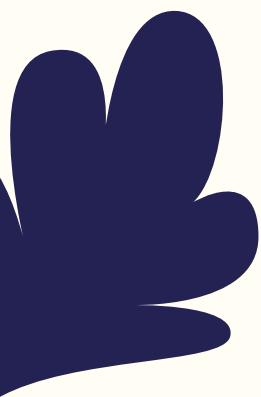
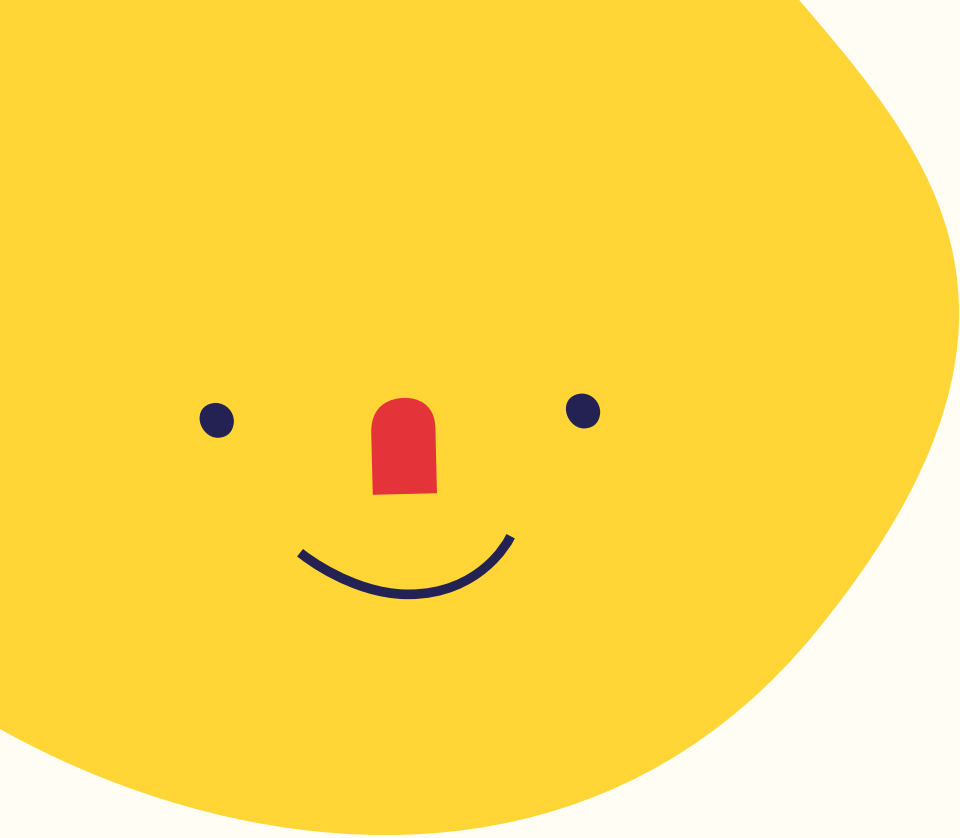
Step 4: *Live*

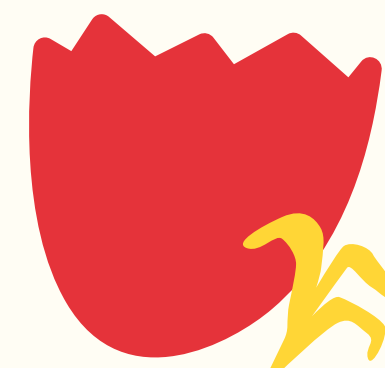
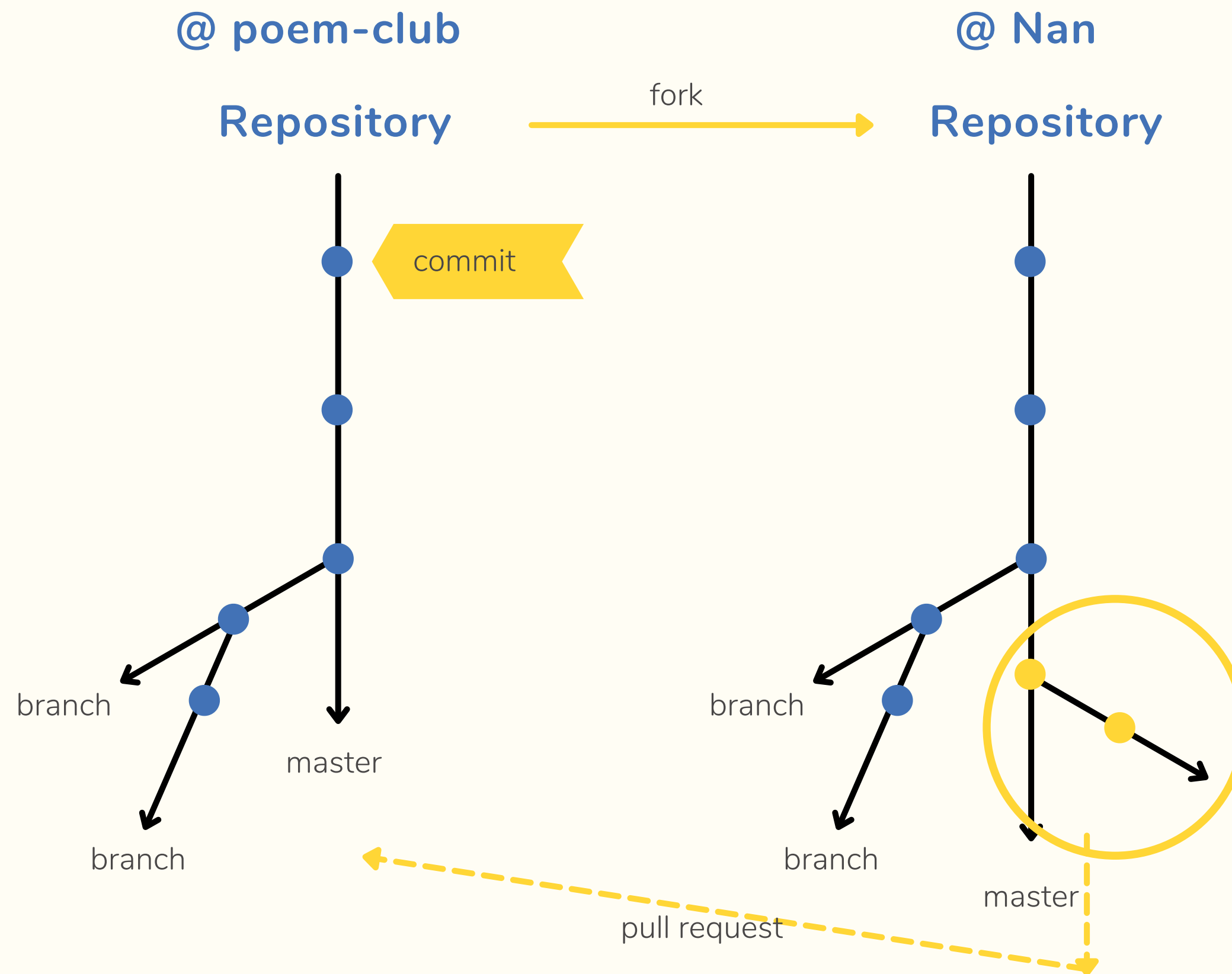
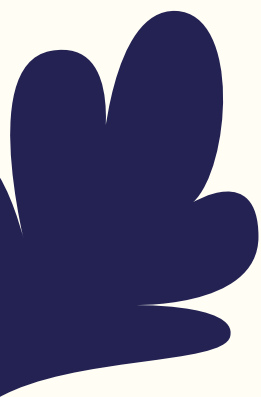
Make a fork & Why

fork, pull request, push





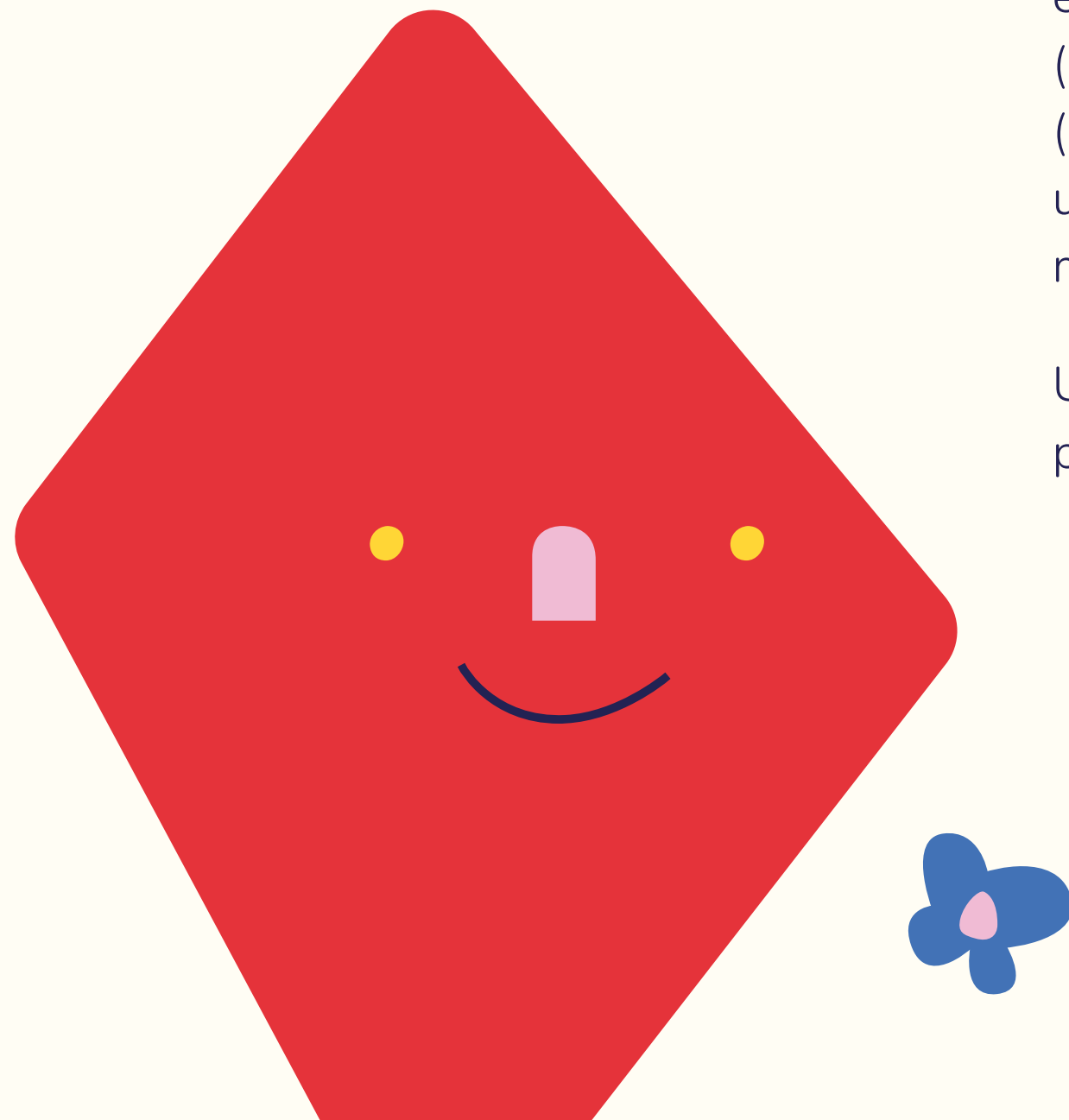




Recap

Workshop-1:

Write a poem with Github

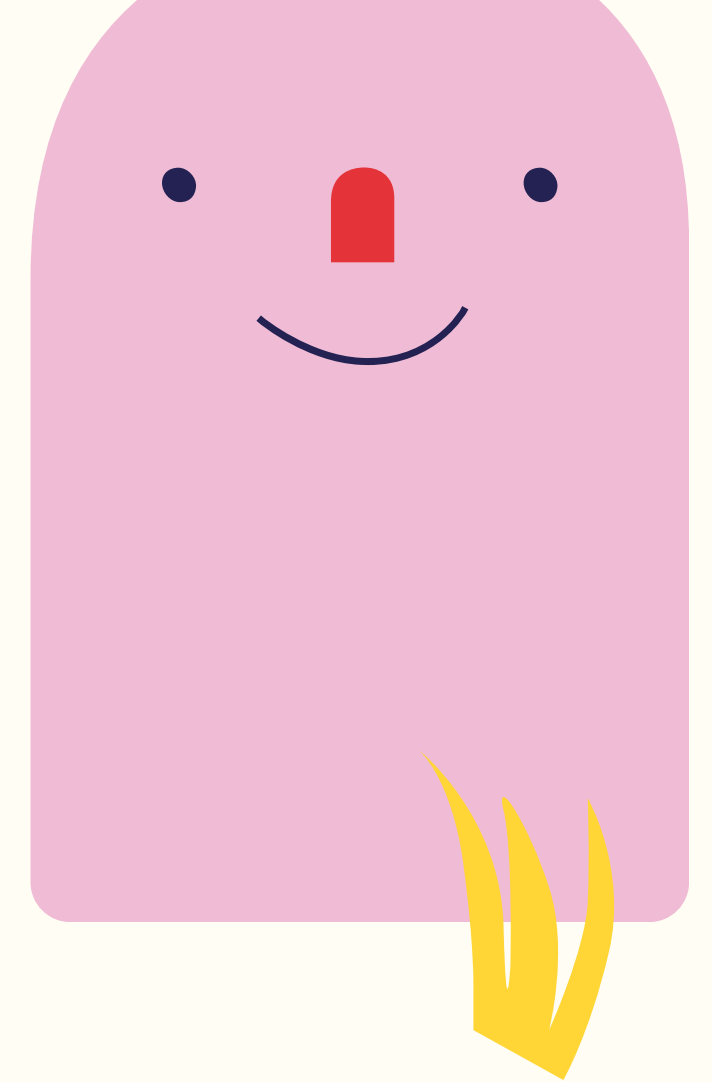


What we have done

Create your own repository and a file(it can be more than a txt poem!)

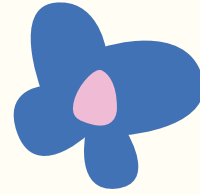
Understand using commit to store a version, each commit has a unique identifier ID (hash).Using branches to have another version (useful for collaboration or significant changes); using merge to bring your branch back to master.

Using fork and pull request to work on another project under your account.



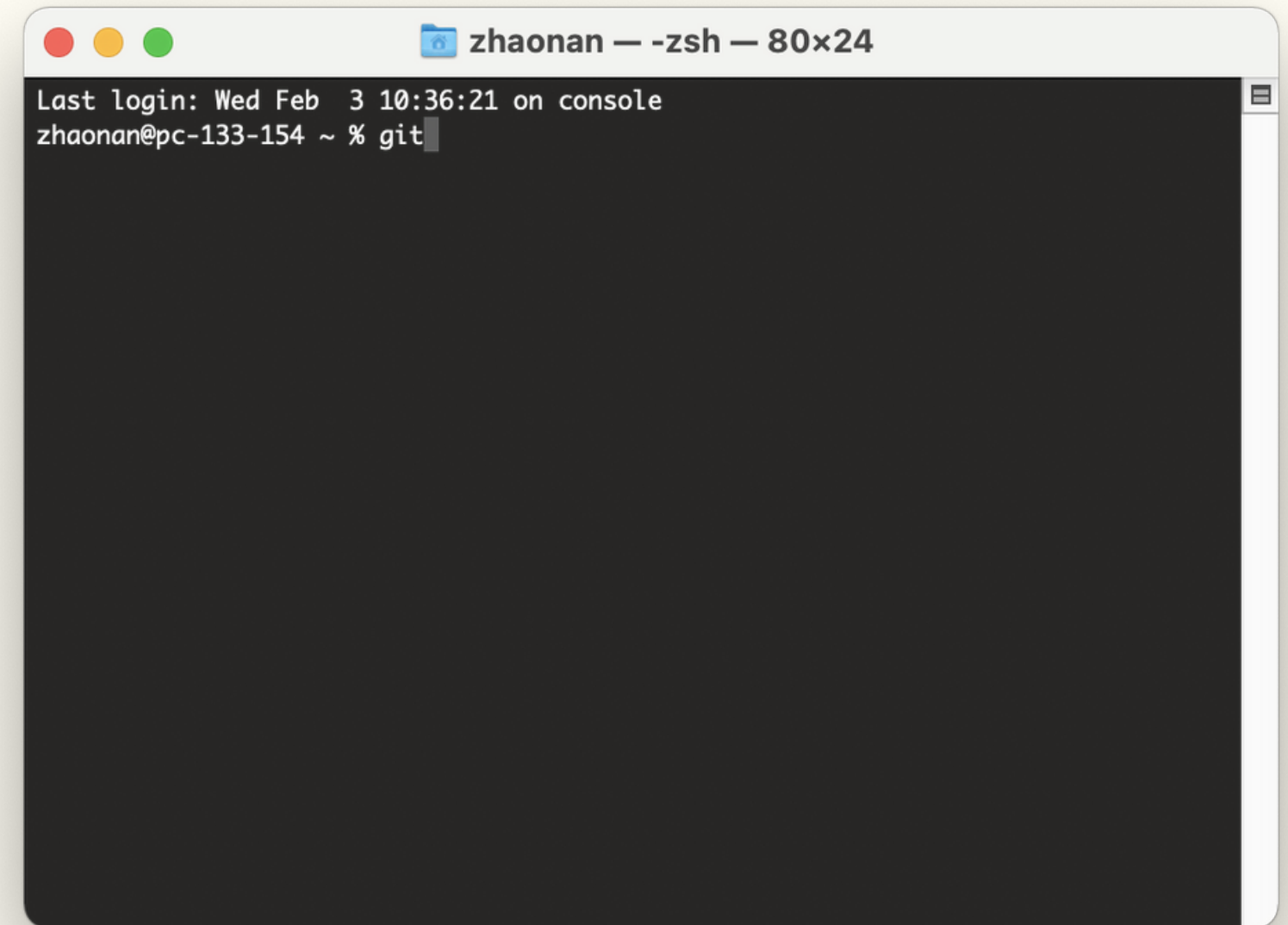
Terms we have covered

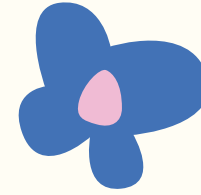
- repository
- commit (hash)
- branch & merge
- fork & pull request



Next Time

Work on your laptop and master
the command lines!





Next Time

Work on your laptop and master
the command lines!

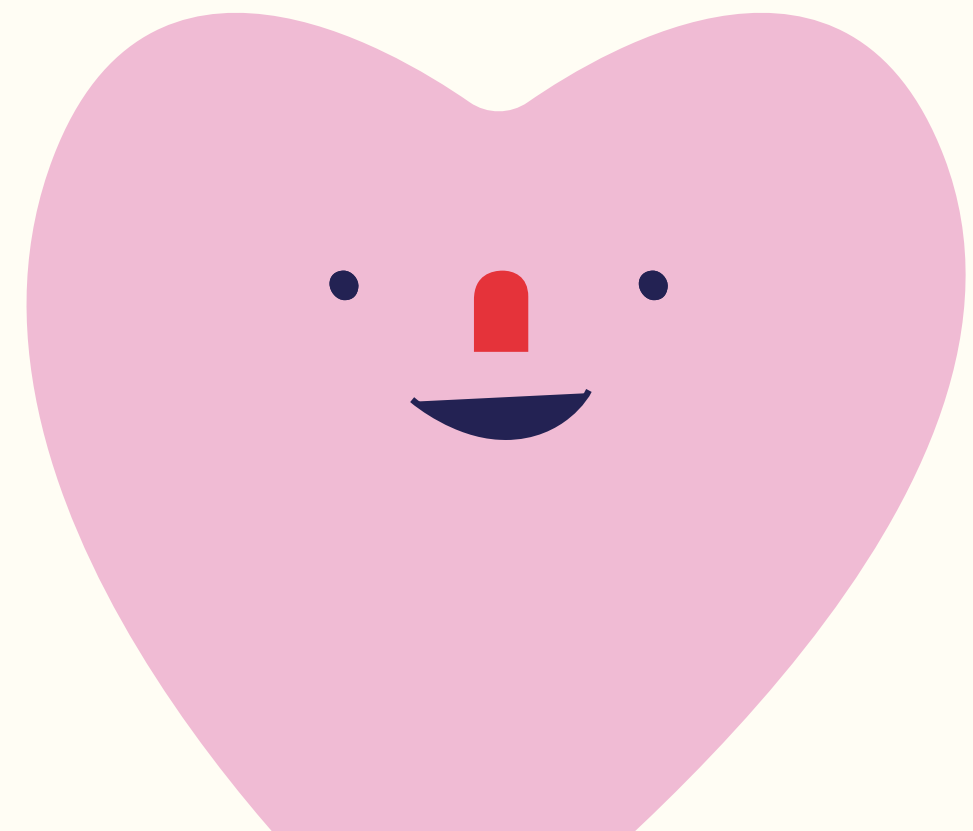
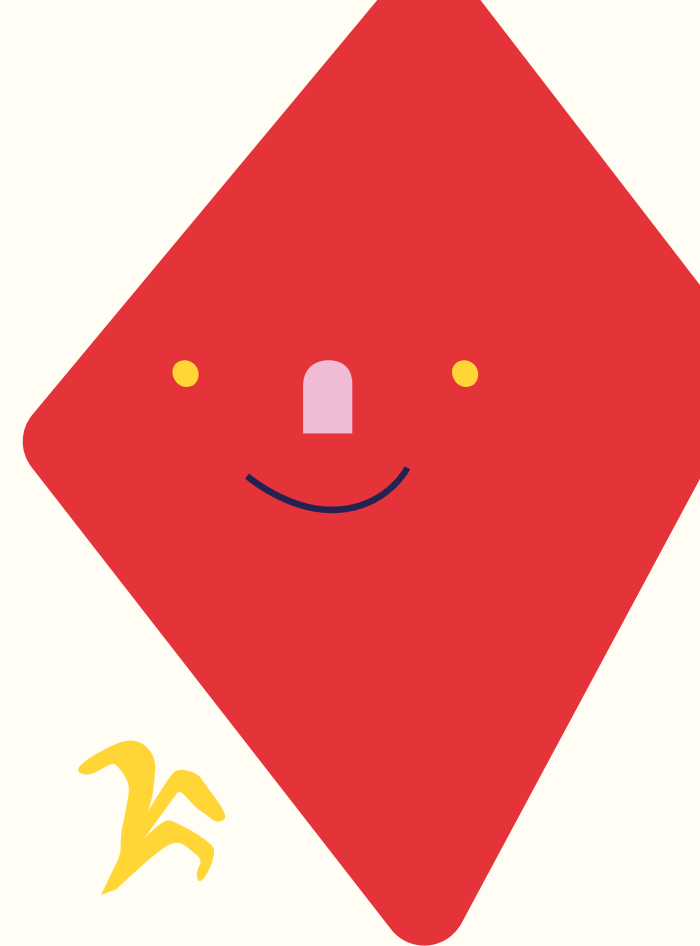
Have Git running locally

- Mac: Most versions of MacOS will already have Git installed. Check Terminal with `git version`
- Windows: Download the Git Bash:
<https://git-scm.com/downloads>



Cheatsheet & Resources

- Our poem club Github: <https://github.com/poem-club>
- <https://education.github.com/git-cheat-sheet-education.pdf>
- <https://guides.github.com/features/mastering-markdown/>
- <https://github.com/git-guides/install-git>



Try them now~!

For questions, comments:

Nan Zhao

n.zhao0320201@arts.ac.uk

