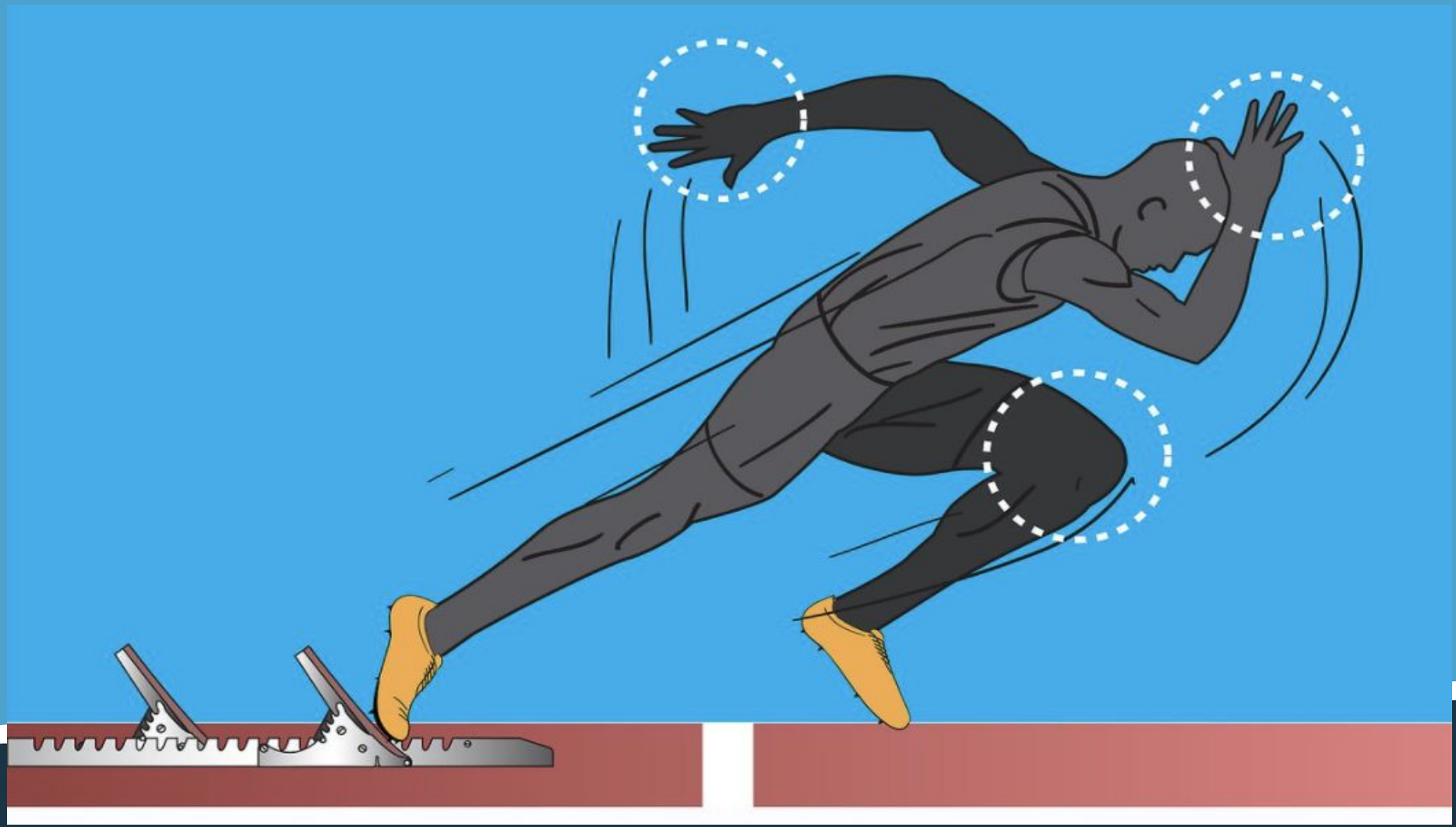
CodeClan

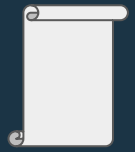
Bridging the digital skills gap

Learning Support:
Successful Learning Series

Project Management



Managing Your Project_



Your top tips.
Expert top tips.

Different approaches to planning a project.

Possible obstacles and solutions.

MANAGING YOUR PROJECT
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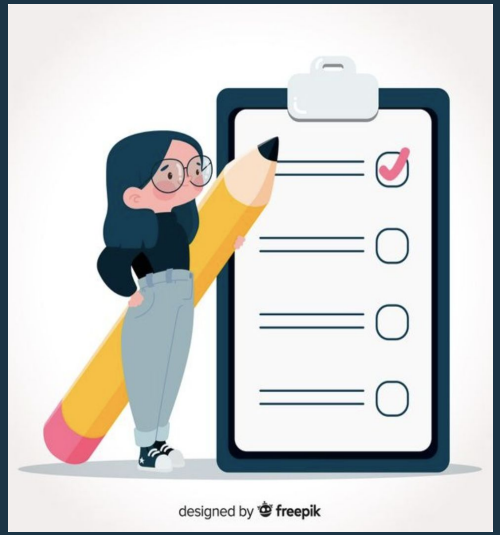
What are your

for managing a project?

Get the basics right_



- Make a thorough plan: identify MVP, don't rush into code, break it down, be realistic...+-, ongoing planning
- Have a daily checklist: to set realistic goals, to keep track of your progress
- Start simple: easy parts first, keep it simple, basics first, 20% work takes 80% time, don't compromise MVP
- Prioritise: MSCW

  Must have
  Should have
  Could have
  Won't have

Get the basics right_

- Personal learning plan: research, questions, where do you need clarifications?
- Keep focused (Pomodoro technique)
- Doing – Fixing – Break time – Repeat
- Stuck? Problem-solve
  BBBB: Brain - Books - Buddies- Boss

Bonus tips_

- Get a *Hello World* up and running first in order to have a platform to build on.

- Include some initial CSS layout such as Flexbox or Grid so you know what is going where in the browser.

- Hard code the data as 'placeholders' in your HTML before trying to get it from a database.

A project lifecycle: Waterfall Methodology

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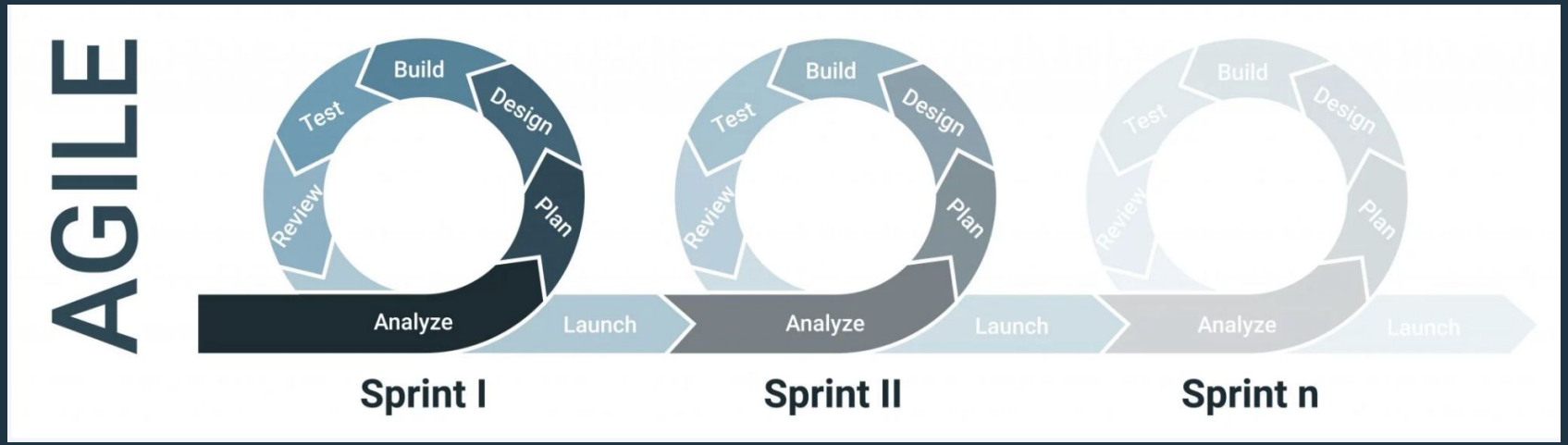
- Linear, sequential phases; straight - forward
- Each phase depends on the previous one
- All planning done at the front
- Tempted to work this way
- Slow or unable to adapt to change
- Best for: projects that deal with physical objects, engineering design

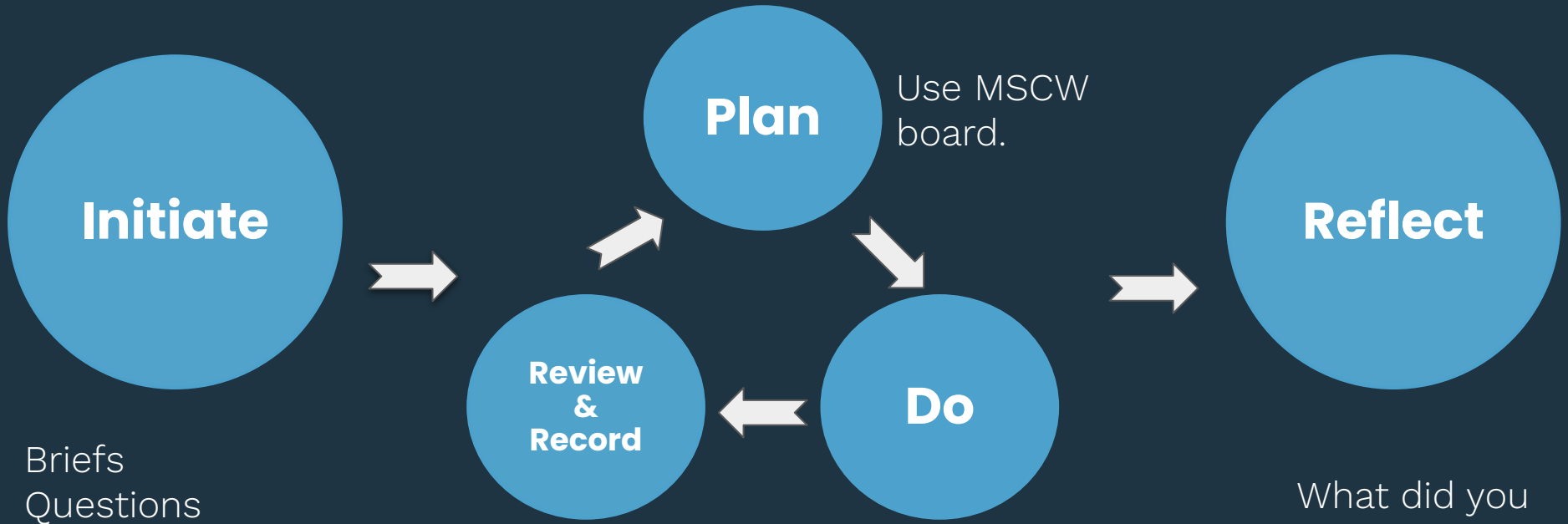
A different project lifecycle_

A different project lifecycle_

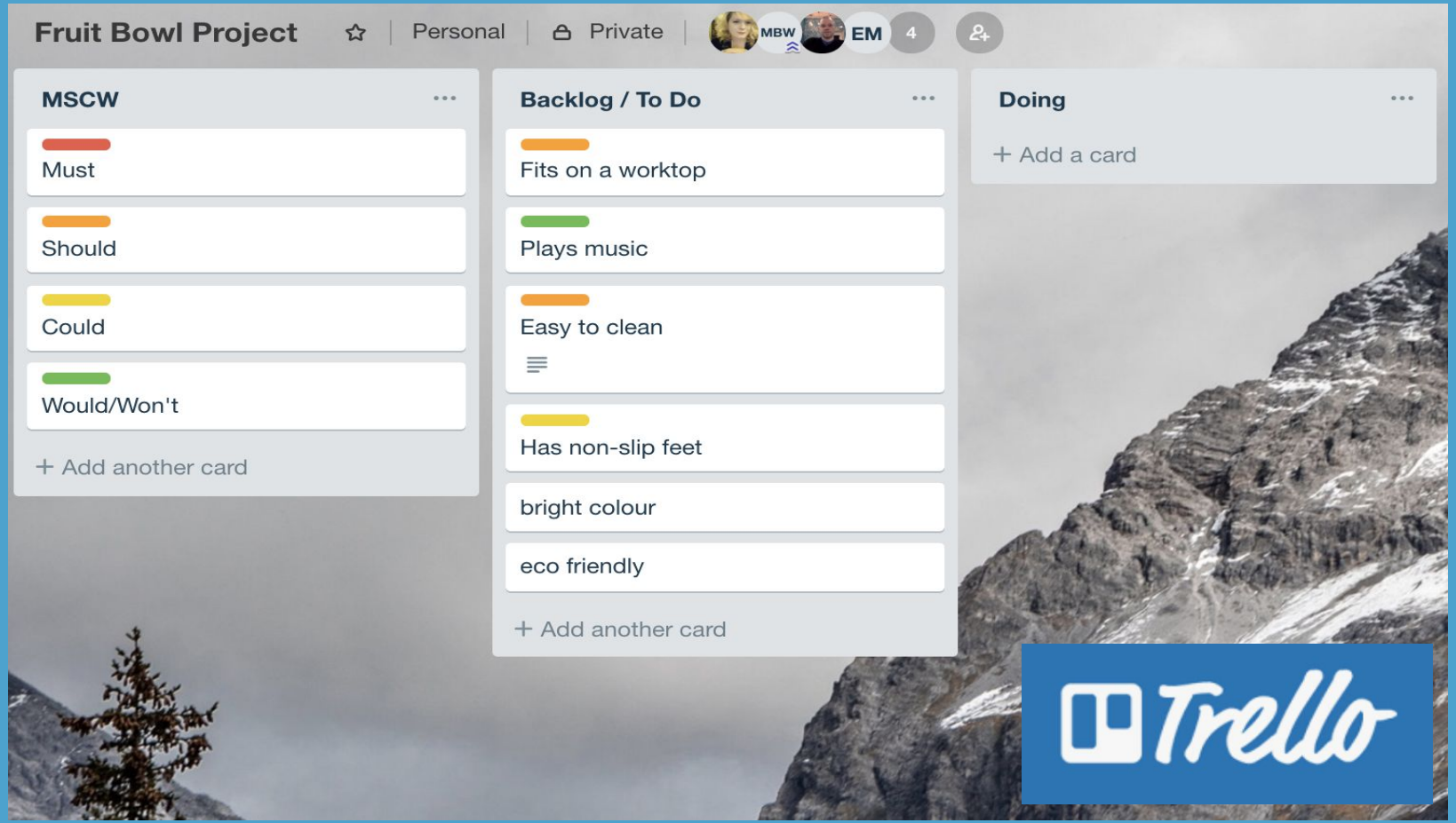
- Agile approach
- More flexible
- Responsive to changes
- Allows quick corrections along the way
- Best for: code, copywriting



A better project lifecycle_



Project Management Tools_

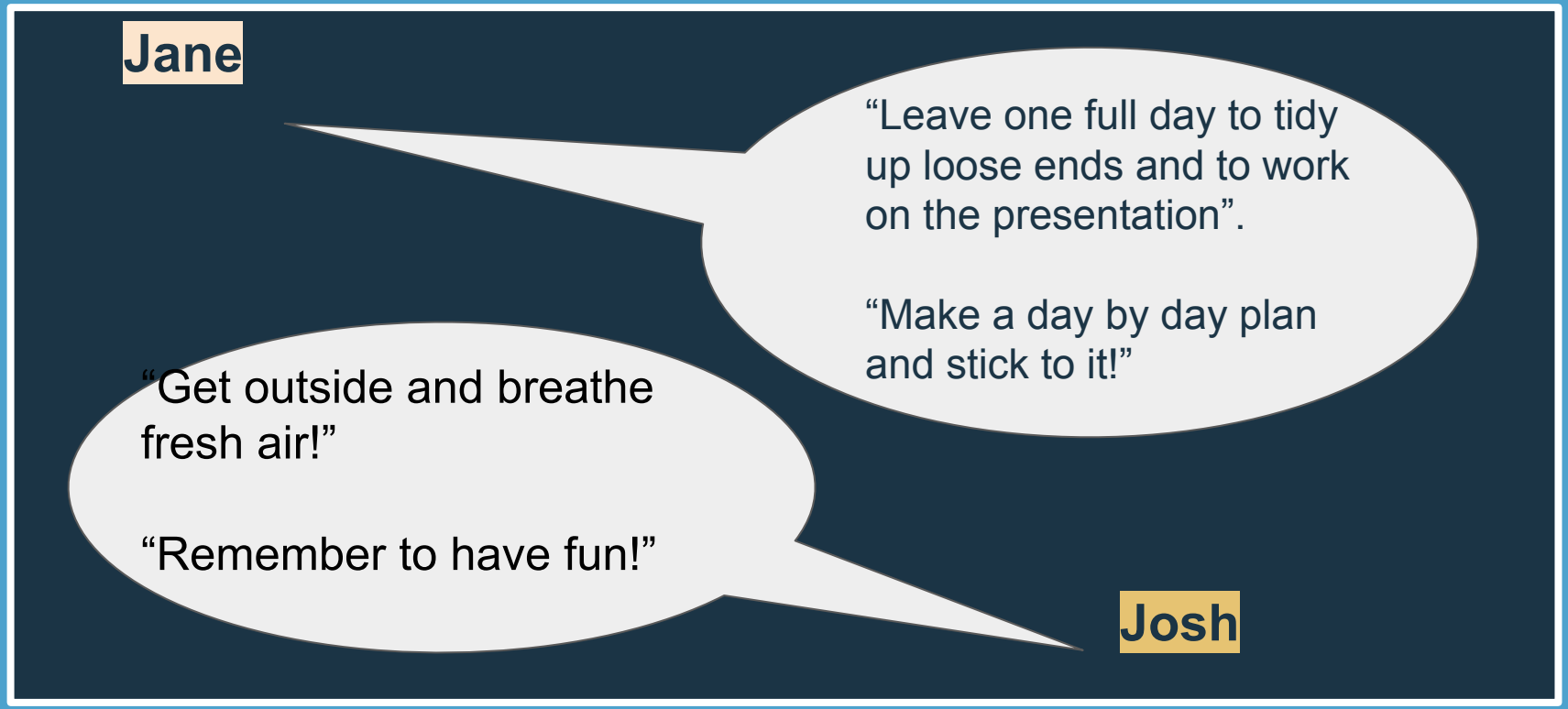


Don’t..._

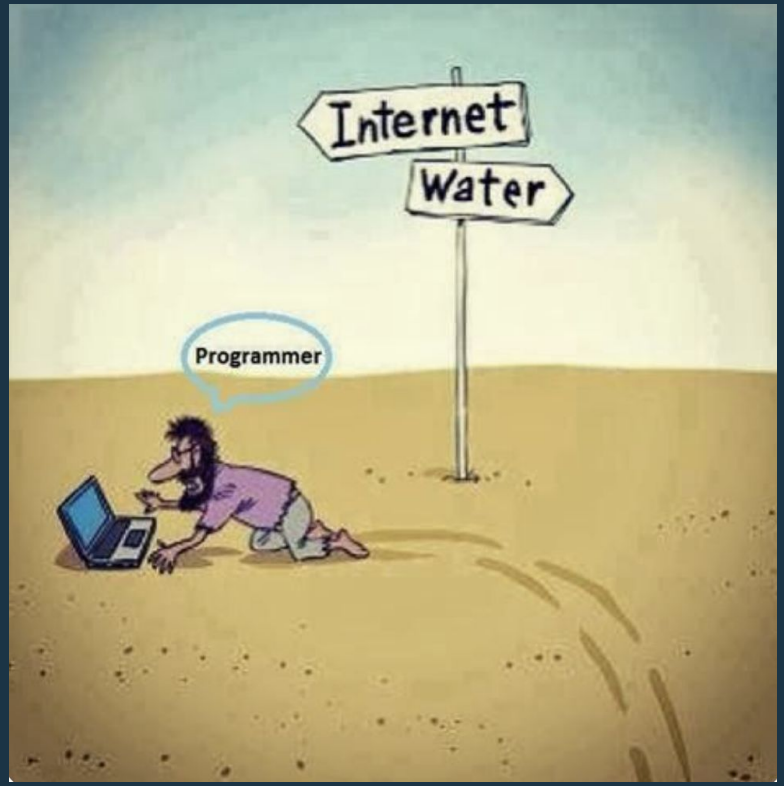
Don’t be afraid to make radical changes if something isn’t working!

Don’t waste a day stuck on a bug. Ask for help!

Students' Advice_

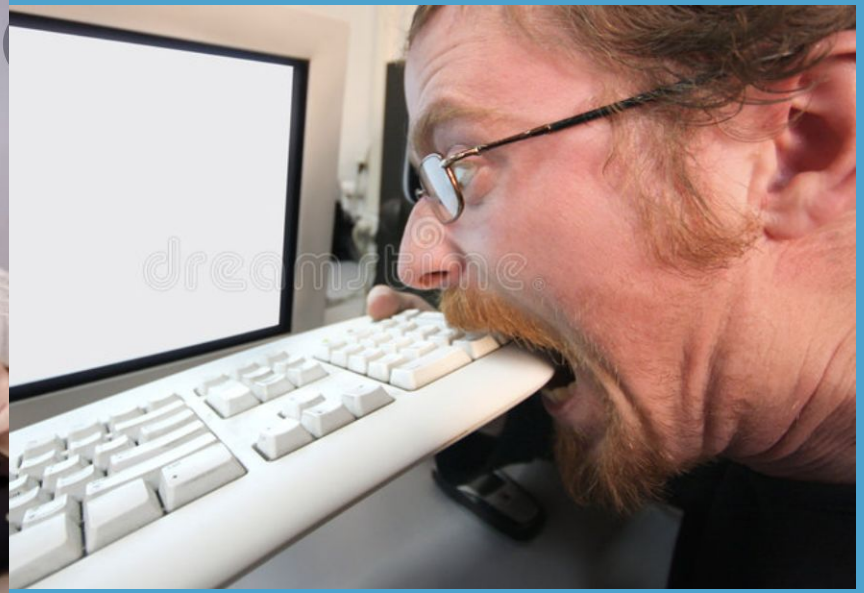


Stay alive_



- ❑ Minimise distractions
- ❑ Take breaks regularly
- ❑ Breathe. Step away. Come back
- ❑ Keep your brain hydrated
- ❑ Let go. Go to sleep!
- ❑ Keep in touch with the group

What happens if..._



Interview question_

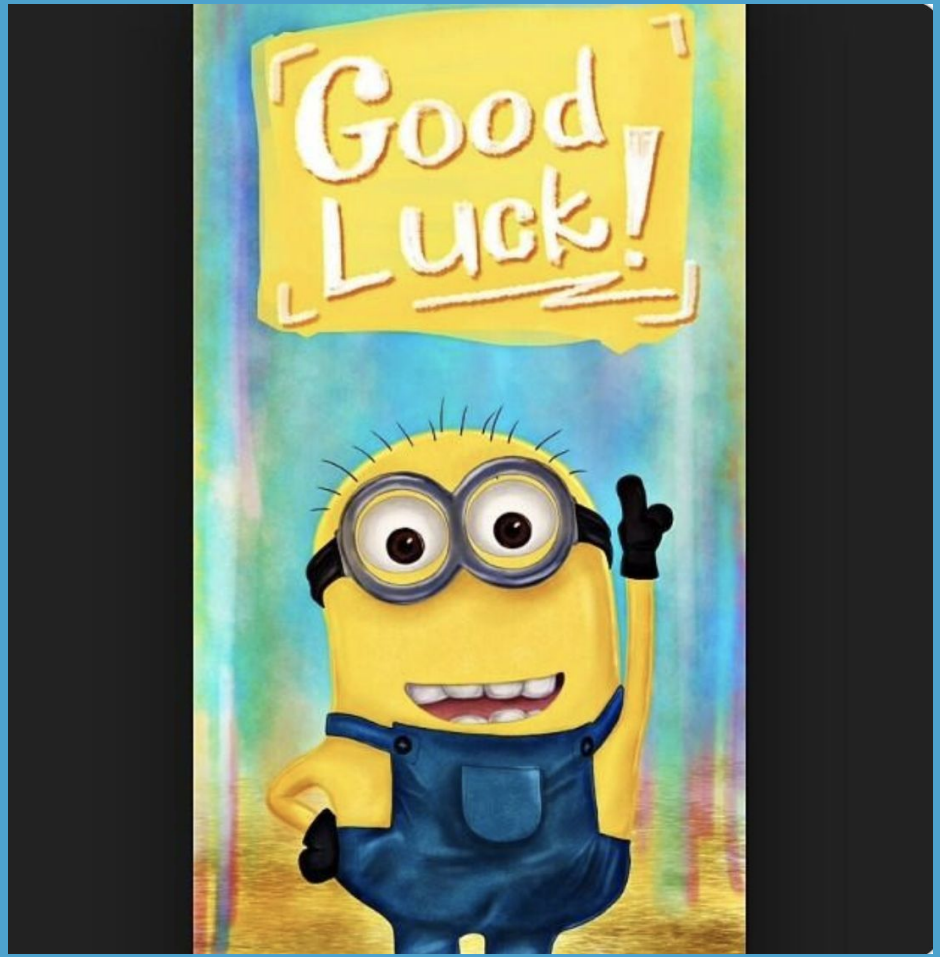
Tell us about a time you overcame a challenge while working on a project...

Resources_

Trello:
www.trello.com

Agile vs Waterfall Methodologies:
https://manifesto.co.uk/agile-vs-waterfall-comparing-project-management-methodologies/

Basic Pomodoro timer:
https://tomato-timer.com


Good Luck!