

Collaborating on Code: Pair Programming

JULY 6, 2021

What is Pair Programming?

- Also known as Extreme Programming (XP)
- Both developers sit at one computer
- Each person assumes a role and the roles should be switched often
- If you're in a group of 3, there should be two navigators

Driver:

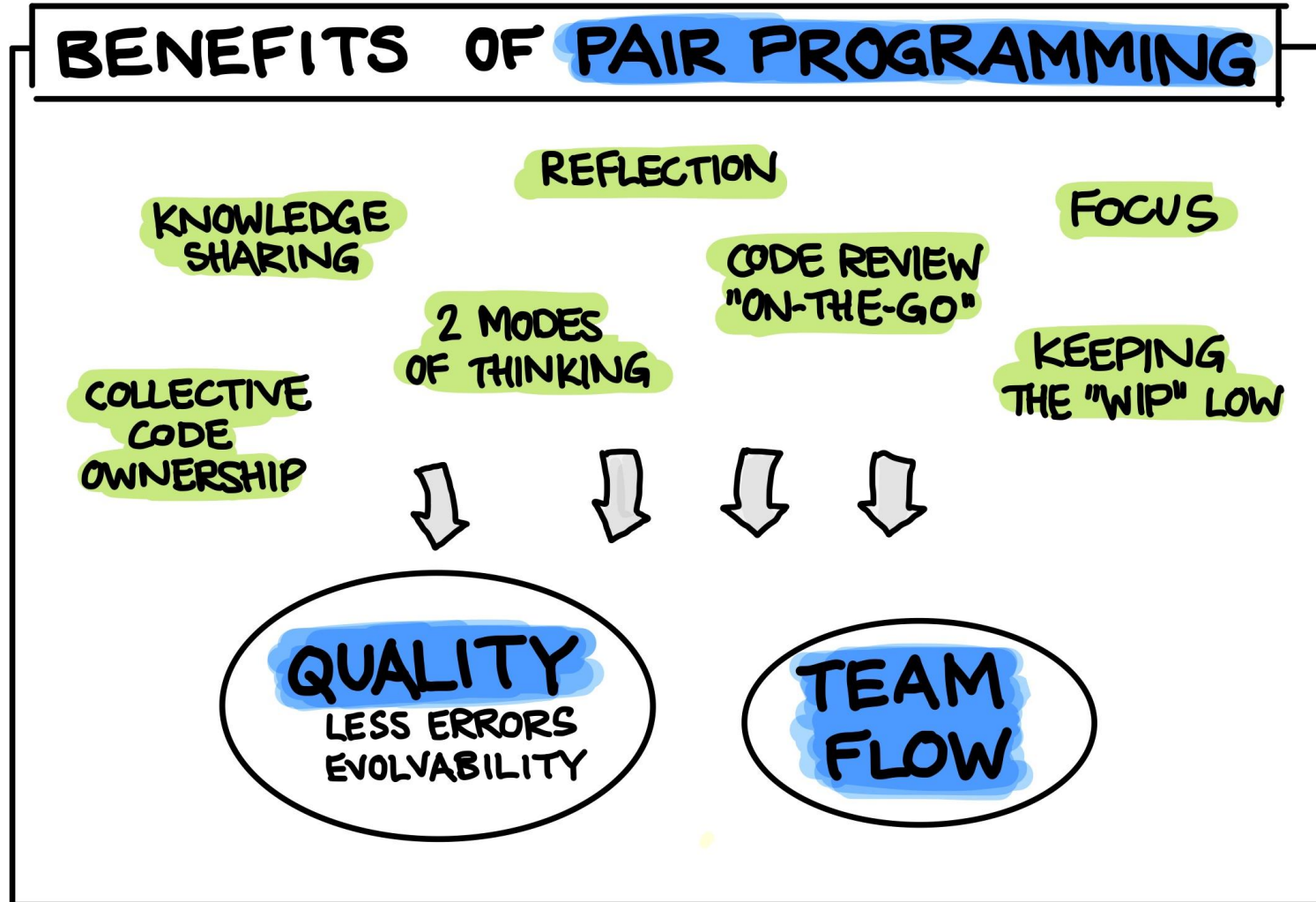
- Controls the mouse and keyboard
- Speaks thoughts and actions out loud

Navigator:

- Refers to resources (i.e. API documentation)
- Makes suggestions
- Catches errors

There should be A LOT of talking!

Why Pair Program?

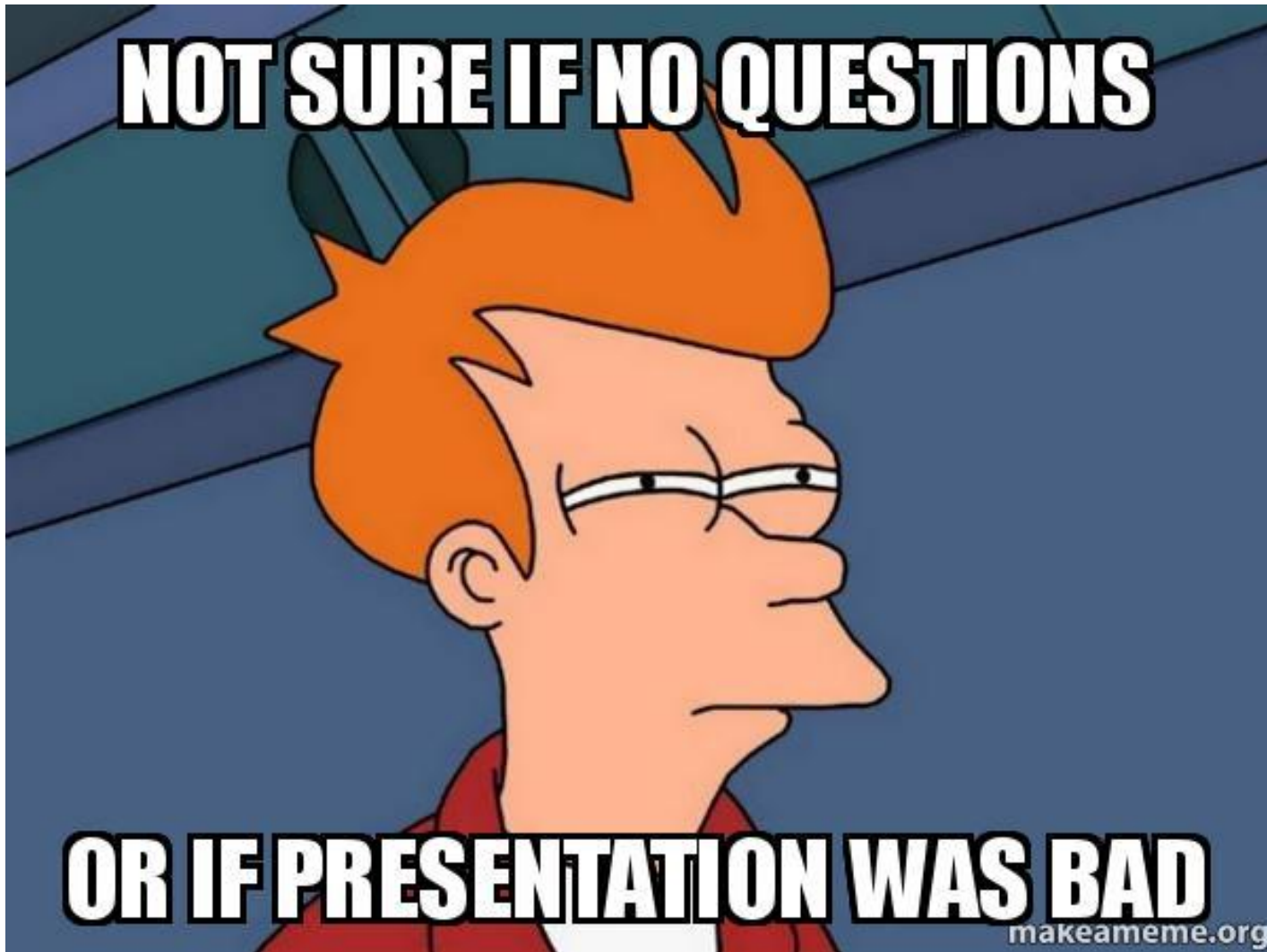


Today's Activity

1. Create a Codio project for you and your project partner (or group).
 2. Set up a GitHub repo for your project and add your partner(s) as collaborator(s).
 3. Start working on your project while practicing pair programming.
- You will go into your TA's breakout room and work on the activity.
 - Feel free to work with others in your room and ask questions of the group.
 - The TA is there to assist you. If you want to ask me a question, come back to the main zoom room.

Pro Tip: Organization

1. Download reference slides
2. Keep your files organized
 - Use meaningful folder names
 - Do not put everything on your Desktop or Downloads folder
3. Split your screen so you can view references and program at the same time (much better than flipping between tabs or programs)



Questions?