

Revision of Pair Programming

Hazilah Mad Kaidi (PhD, P.Eng, SMIEEE)

Razak Faculty of Technology and Informatics, UTM

hazilah.kl@utm.my

<https://people.utm.my/hazilah>

The Plan

 Introduction to Pair Programming

 Continue Exercise of Revision PT1 (adopting Pair Programming)

 *Install VS Code on your machine

Introduction to **PAIR PROGRAMMING**

What is Pair Programming?

- 🌸 **Two programmers work side-by-side at one computer, collaborating on the same code**
- 🌸 **One programmer (the **driver**) does the coding, and the other programmer (the **observer** or **navigator**) continuously reviews and critiques the code, as well as navigate the work**
- 🌸 **The two programmers **switch roles** periodically**

Driver

Navigator



This is Pair Programming



Work side-by-side at one computer

This is Pair Programming



Continuously collaborating on the code

This is NOT Pair Programming



Pair programming is not about dividing tasks

This is NOT Pair Programming



You don't just sit there

This is NOT Pair Programming



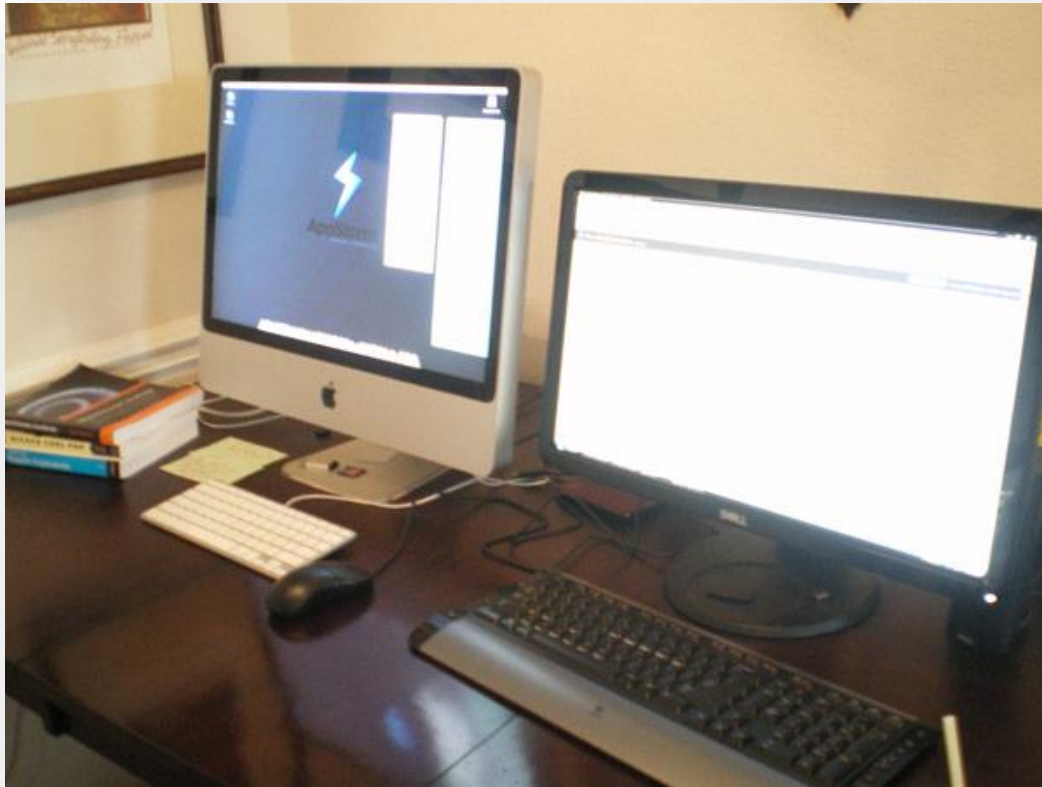
It is not sightseeing

This is NOT Pair Programming



Pair Programming is not about mentoring

Our Configuration



- Use two PCs
- One PC is for the driver to type code
- The other PC (optional) is for the navigator to open the lab instructions, finding info, etc.
- All code must be done only at one computer