**Pair programming**

**Lesson Duration: 10 minutes**

**Learning Objectives**

* Know what Pair Programming is and is not

**What is Pair Programming?**

**Super-simple Explanation:**

* two engineers working together to write one piece of code

**More Complicated Explanation:**

* one laptop
* one “driving” and one “navigating”
  + driver writes code
  + navigator reviews code, makes suggestions and focuses on overall direction
* continuous review of code
* discussion! (“programming out loud”)
  + driver explains code while writing it
  + navigator suggests changes/improvements and advises where to go next
  + both stop the other from deviating from good practices surrounding testing
* knowledge sharing!

**What Pair Programming is NOT:**

* one engineer writing code while the other watches
* two engineers writing code on separate laptops
* silence
* two engineers sharing a keyboard [Video](https://www.youtube.com/watch?v=msX4oAXpvUE)