

## Teaching Week 3

- Interfaces
  - \*\* **implements** keyword
  - \*\* multiple inheritance
- Garbage Collection (GC)
  - \*\* Heap and Stack
  - \*\* **this()** and **super()**
  - \*\* constructor chaining
  - \*\* variable scope and **null** references
- Numbers
  - \*\* **Math**, **Random**, **Number**
  - \*\* **static**, **final**: variables, methods, classes
  - \*\* Wrapper classes, Autoboxing, Recursion
- Strings
  - \*\* String literals, Immutability
  - \*\* **String**, **StringBuffer**, and other string classes
  - \*\* Data formatting



Use this as a **checklist** of the topics/concepts you are expected to learn.