Tests

* IF the same tests are repeated over and over again, eventually the same test cases will no longer find new bugs
  + Called the Pesticide Paradox
* Testing Principles
  + Shows presence of defects
  + Exhaustive Testing is impossible
  + Early Testing
  + Defect Clustering
  + Pesticide Paradox
  + Testing is context dependent
  + Absence of error is a fallacy.
* Testing Levels
  + Unit Testing – refers to test s hat verify the functionality of a specific section of code, usually at the function level.
  + System Tetsing – Whole System, instead of modules tested in integration testing
* Testing methods
  + Black Box – Testing without the knowledge on how the methods work.
  + White box – Testing every single line of code