Synchronous (~sequential)

* Line by line execution

Asynchronous

* Non-sequential execution
* Callback function
  + A function(func1) takes a function(func2) definition as input
  + ‘func1’ performs an action that takes a variable amount of time to complete (1 sec – 30 gigayears)
  + The user’s system is not locked waiting on it to complete
  + Once ‘func1’ completes task, func1 invokes the func2 definition
  + Control is brought back to func1 in order to retrieve func2’s output.