1. **Concept Review**
   a. Extra Checkpoints on Learn (added at conclusion of Precourse)
      i. 17 total w/Prefix: PC-
   b. Udemy's [JavaScript: Understanding the Weird Parts](#)
      i. $19 with promo code: YOUTUBE19
2. **Recursion Practice**
   a. [Hack Reactor Recursion-Prompts Repo](#) (40 total)
3. **Introduction to Algorithms and Data Structures (resources)**
   a. [Tutorials Point](#)
   b. [Data Structures Succinctly](#)
   c. [Khan Academy](#)
   d. [Coursera: Algorithms, Part 1 (Princeton)](#)
   e. [Data Structure Visualizations](#)
   f. [VisuAlgo](#)
4. **Data Structures**
   a. [Stack](#), [Queue](#), Set, [Tree](#), [Linked List](#), [Hash Tables](#)
5. **Algorithms**
   a. Depth-first Search and Breadth-first Search ([video](#))
   b. Binary Search ([video](#))
   c. [Bubble Sort](#), [Merge Sort](#), [Quick Sort](#), [Insertion Sort](#)
   d. Optional: Dijkstra's, Topology sort
6. **Big-O Analysis**
   a. [HackerRank overview](#) (video)
   b. Hack Reactor Algo Time-Complexity review
      i. [Slides](#)
      ii. [https://github.com/beth/algo-time-complexity-review](#)
7. **Intro to Backend I: Database Queries**
   a. [SQL Zoo](#)
8. **Intro to Backend II: Node/Express**
   a. [Node & Express](#) (Medium article)
   b. [MDN Express/Node](#)
   c. CodeSchool
      i. Real-time Web with Node.js
      ii. Building Blocks of Express.js
9. **Git Commands Review**
   a. [Git Koans](#)
10. **Introduction to ECMAScript 6 (ES6)**
    a. [ES6 Features](#)
11. **Toy Problem Resources**
    a. Project Euler, Codewars, Codefights
12. **Algo & DS Practice**
    a. HackerRank, LeetCode
13. **Command Line/Browser Game Challenges**
    a. Tower of Hanoi (3 discs)
    b. Tic-Tac-Toe (2 player)
    c. Your own, be creative!