Programas Para Implementar:

* Numerical Algorithms
  + Pseudorandom number generator
  + Pseudorandom number generator with a range
  + Randomize an array
  + Find greatest common divisors – Euclid’s algorithm
  + Bit exponentiation
  + Find prime factors
  + Finding prime numbers up to a given limit – sieve of Eratosthenes
  + Testing for Primality – Ferma´s Little theorem
  + Integration Algorithms (Python)
* Linked Lists
  + Singly Linked Lists
  + Doubly Linked Lists
  + Sorted Linked Lists
  + Copying Lists
  + Sorting With Insertionsort
  + SelectionSort
  + Multithreaded Linked Lists
  + Identifying a Linked List with Loops
    - Marking Cells
    - Using Hash Tables
    - List Retracing
    - List Reversal
    - Tortoise and Hare
* Arrays
  + Lower bound for any n dimensions
  + Triangular arrays
  + Sparse Arrays (with Linked Lists)
  + Addition of Matrices with Sparse Arrays
* Stacks
  + Train Sorting
  + Tower of Hanoi
  + Insertionsort
  + Selectionsort
* Queues
  + Circular Queue
  + Priority Queue
  + Dequeues
* Sorting
  + All Sorts
* Searching
  + Linear Search
  + Binary Search
  + Interpolation Search
* Hash Maps