DATA STRUCTURE

An algorithm must be seen to be believed

A DATA STRUCTURE IS A SPECIALIZED FORMAT FOR ORGANIZING, PROCESSING, RETRIEVING AND STORING DATA. THERE ARE SEVERAL BASIC AND ADVANCED TYPES OF DATA STRUCTURES, ALL DESIGNED TO ARRANGE DATA TO SUIT A SPECIFIC PURPOSE. DATA STRUCTURES MAKE IT EASY FOR USERS TO ACCESS AND WORK WITH THE DATA THEY NEED IN APPROPRIATE WAYS.

EXAMPLES

STACK

TREE

POPULAR ALGORITHMS

- 100% Sort Algorithms
- 89% Search Algorithms
- 100% Dynamic Programming
- 88% Hashing
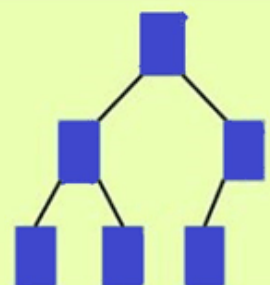- 100% String Matching and Parsing
- 99% Primality Testing

TYPES

Linear Data Structure

Non-Linear Data Structure