

## Introduction

Data Structure Meaning :

Def. is a data Organization, management and storage format that enables efficient access and modification

# DATA STRUCTURES JAVA

Access and Deletion

Insertion and Search

## Data Structure Types

we have 2 types primitive DS and non-primitive DS  
Primitive like int, long, byte, float, short, double, char  
pointers, and non-primitive which we will  
concentrate on. Divides into 2 types linear DS and  
non-linear DS. If you don't understand look at the  
next page maybe it's more efficient for you than



# Introduction:-

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**Def:** Data Structure Meaning :

**Def:** is a data Organization, management and Storage format that enables efficient access and modification

This section  
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I suggested that we will explain The meaning of dataStructure as **problems** and we will learn a Solution That consist of new Syntax or DataStructure

and our priorities to said that a program has powerfull performance as follow :

- [1] Access      [3] Deletion
- [2] Insertion    [4] Search

## Data Structure Types:

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Primitive like { **int, long, byte, float, short, double, char**  
**, Pointers** -- } and non-primitive which we will  
Concentrate on & Divides into 2 types **Linear D.S** and  
**non-linear D.S** if you don't understand look at the  
next page maybe it's more efficient for your brain





# Data Structures

## Primitive

int  
Byte  
Short  
Long  
Float  
double  
char  
Boolean

## non-Primitive

### Linear

Arrays  
Array list  
LinkedList  
Stack  
Queue

### non-linear

Trees  
Graphs

now we are ready to start with a first new powerful Concept for the performance