Dala Structure In Java

What is Java?

-> It is a high level programming language Created by Sun microsystems, This is reliable Object-ordented and Secure, works on INORA Principle.

-> Format for amanging. processing, accessing and Storing data, Data Structure are both Simple and complex forms. All made to organize the data and increase the performance

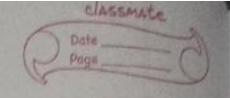
Alhat are Data Structure in Java?

Data Structure in java defined as the Collection of data piece that offers an effective means of storing and organising data in Computer

Ex: Linked list, Stack, queue, and amay

Classmate Date Page

	Types ob Data Structure in Java
-	Array
	linkedlist
-	Stack
	Queue De
	Binary free
	Binary Search Free. Heap
	Hashing
	Graph.
	Graph.
	Further classificalis I to
v	Further classification of Data Structure
	Primitive Data Structure in primitive Data
	short, int, Hout there had
	long and double and.
*	Non-Deg. e. 1 Dal SI
	Non-Primitive Data Stricture
	Linear Dada Charles Al le
	Linear Data Structure Non-linear Data structure
	Array Trees
	A cop.
	1
	linked lest Hash



Inear Data Structure in The clements arranged in linear fashion are called linear Data Structure. Here one element is connected with one other element

Non-linear pata Structure: w The elements

arranged in Non-linear fashion, Here element
is connected with D-other elements.

Advantages of Data Structure in java * Efficiency

* Reusabling

* Processing Speed

* Abstraction

* Data Searching

Classification of Data Structure

* Static Data Structure: w Data Structures

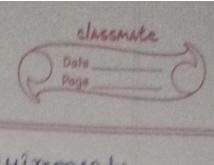
- whose size is declared and fixed

at compile Time and cannot be Changed

later are called State Data Structure

Ex: Array.

Dynamic Data Structure in Data structures whose size is not defined and not fixed at compile time and can be decided at



runtime depending upon requirements
Ez:- Binary search tree