24/06/2024

* Java avay is an object which contains elements of a similar data type

* Additionally, the clement of an away over thouse in a consignous memory location

* It is a data sourtwee where we store

similar dements

* We can store only a fixed set of elements in

a join adday.

Advantage Disadvantage of Amays:

Advantagee: ode Ophimication: It makes the case optimized, us can refreive on sout the data efficiently

* Random Access! We can get any data lacated

Size limit: We can store only the fixed size of Disadvantages! elements in the avoidy. It doesn't grow its fire at suntime Types of Assays Multi Dimensional Array sigle Dimensional Array Single Dimonsional Array: Syntax to Declara An avoiay in Java 1. dataType[] avoi; 2. data Type [Javor; NO SELLINGERON DEST 3. data Type aron[]; Instantion of an Array in Jaig 1. Array Ref Var = new databype [size]; that momory New a = new enf(5). Multi Dimensional Array: Syntax to Declare Multidimentional Array in Jana 1. dataType[][] avoiay Ref Var; 2. data Type : [][] evviay Ref Vasor; 3. datatype array Ref Var CJCJ; 4. dataType [JavorayRefloor[]; Ex: to enetantiate Multiolinusional Array 1. int [][] 009 = now int [3][3];