Arrays: Collection of Homogenous Elmns.

Same type of data

int a = 10; "Hold single value

Arrays int[] a = \frac{2}{2}10,20,303;

String[] st. & 'ABC', "BCD'S;

Array Declaration: Declaration Box (1) - Array contains homogenous Elmin,

- Size is fixed or we need to specify Invoduct

Invoduct the size of an array. ent[] are = new ent [5]; NewBox Initialisation Syntax 12 Assay name Dec + init

-, Array act as an object M/m -> Heap Array always Valli Vall starts with indea No - U Index & sindex No. Obj, String - null ars/2/; flaat, Donble - 0.0 ,0-9 ari-name byle, Short, int, long > 0

HeapM Primiture > Wrapper Class squator all [l@15db9742 1D ml - Integel long Long Wrappers

St1: Array's Size specify int[] au = new int[size]; St2: Value Assign/Stone into Array.

ass [inder] = 40; Stå: Jet Array's Inden Value!

Sysolars [index];

F 2nd
int[] are = { 23, 40,60,703;

Syro (are[1]); - 40
Am

a= 23,40,60,70, aus 23 40 60 70

ac - 100 /200 /300 Loop Total length > (asselength)/ Inter - 0 / ar [0] = 100; Last Inder = ar [1] = 200; (allebourgth - 1) ar [2] = 300;

1:# Array = Store 2, 4, 6, 8, 10, 12 - - 20]. 10 2. # find Sum of Away Elmns: → £ 2,4,1,2,6} → Sum → 15 3.# find the Largest Elm of an Array. £41, 43, 60, 90, 23