





\* so, under one variable name we can stone more than one values or datas then means we use arrays. a single variable. int nouno [60]; 1000 1001 1002 1003 Abyles. 4 bytes Total Memory Sixe. Abyte = Ivalue. Not of X Size of elements (int) 160 valus ⇒ 240 leytes # Hence 60 values, are stored in 4 bytes is a consecutive mannor 1036 1240 Stanfood -> 1000 1001 1002 1003 Ed addrum 1240 A First address is 1000 and last address No 1240.



syntax of averay [1-D averay]

Datatype name of avonay [sig of avonay];
int a [5];

\* 1-D. avray means One dimensional avoray vies use have one new and multiple columns.

Constraint of Lovays:

the stored only in same type

&: integer means all Values Should

(int  $a[5]_{3} > 1,2,3,4,5$ 

float 4[2] > 1.2,2.3 Char C[5]; > a, b, t, d, e

Proper Definition of Array:

Array is a collection of homogenious data items which are stored in continuous memory location.

