unknown element Declaration & Initialization of an Array : V=new int (she) √= new mr[size][si]e] int ar[] = [1,2,3,4,5] int ar[][] = { { 1, 1, 13, { 2,2,23, { 3,3,33} } int or [][][] = { [[5,3,13, 22,43], [[1,1,33 2 X Z 82,2,33,83,33599 Alternative ways of declaring Array: Mcy 20 Amay int ar[][] int [][]ar int [] ar int[] ar int[][] or int []ar[] int[] ar[] int[] (Jar Var args [Vanathe no of arguments] int add (int a) { 9+2 2+17 (Ye1, 4) 3+1 -) In above program add(), can accept any no of arguments Nite: of same data 5 Pe -) The arguments which it collects is stored in the array format The size of the array will be estimated by compiler & it counts The no. of arguments passed in method (al) The element passed can be accessed through the indon values int add (int ... args) ? ... 3 Altunative way int add (int ... args) [3 int add (Int ... agi) ? 3

- The can have only one var angs in a method int add (int...args, Jaube ... args)? ... 3 ×
- 2) In care if we are having war angs along with normal parameters the var args should be always declared at the last

$$\Rightarrow$$
 add (int n, int ... arg) $\{ -\frac{3}{2} \}$
add (1) $\begin{cases} n=1 \\ add (1,2) \end{cases}$ arg $= [2]$
add $(1,2,3)$ $= [2,3]$

agg() ×

- (3) If we have two methods were one method accept normal parametrus

 4 other nethod accepts war args elements then privity preference is

 given to normal parametels
- (1) int add (int a jint y) {

 Calc. add(10) (2)

 Calc. add(10) (3)

 Calc. ad(10, 20) (1)
- @ 19t add(int... args) { = 40,1,2....n
- (4) In main method van args can be create with [] (on) ...

 both are allowed, but when try to we ver args in use defined

 method [] -) as a parameters which accepts array

 not as van args

