Chos Arcray 9 collection of same data type Stored at Contigenous 3 0 array [] defer as or ? memory location. 78921 · C/C++ by detault array are created on static memory in location unless Bimers are used to create them . In Java we arrays are created on alynamic memory, i.e. allothent at runtime by Jum. Types of armay: > Haen - Hear · single dimensional array (10) ·multi dimensional array (20,830, exc) * Citeating array our statice money - reservice int aracis few arritas four time Janot remany Lob 5 bytes } creating the object in 10 20 30 40 50 Greating array on affrance memory Liut oracl Free jut [[]]. r int u=ac. uextunt(); and can be be changed dyramically at noting

3 Program to Perstorm the sorting of integer value using bubble son. import jours. io. *; 11 Packagets toke int outlut. Clarge sont Public static void main (String angs[])-througe Infaction BUTTERED READER DR = new Buttered Reader (new InRHSHReamReader (System-in)); System. Out. Print (" Enter the element"); int n= Integer. Parsezn+ (br. readlines); in aur []= new in+[n]; bordint i=0; KA; itt) System out Print ("entar int:"); arur[i]=Integer. ParseInt(brineadline()); in limit= n-1. (10) [000] 11 aug = [70306 13/ boolean trage tasse int temp. borclint i=0; ixlimit; itt) bor (int J=0; J < Limit; J++) ([1+c]rro<[c]rro) ti temp=avs[]; avs[]=avs[]+1];

Mag = 47110;
4108=41006,
7
15/ Hag- = bases).
1 or 1 - muse) proceak.
else trag=bayse;
THE WORLD PRINCE) NISM BLOV SHOPE SI
= fatery, out, pointin ("The sorted ourray is:").
System. out. Printin ("The sorted ourray is:");
Systemiout kninth (arrij);
Jones Monte
7 - Integer Parestar (por recodered): - n H
· Paration Administration
three parties
2D arrays in java = eg chess or excu sheet.
The state of the s
= yntax: C1 C2 C3
int arrs SS = new int con scars
1 1 1000 11(011)
20 allocates 20 arrays
(torta)
incomed (History)
[] turnen se = [[] + []]
(HT Hispiles (1)

*

array name length " 112-1
or length of away.
int arr[]= new int[[]; arr[0]=50, arr[1]=55, arr[2]=60; //number of clement is
[caar. reight (gives & to element) i.e the Gize.]
command line organization. Represent the avower proved to
Parametery, i.e String args [].
Public Static void main (storing arape) That an Storie storing tyle data.
C:1> Java Priceg 11 22 vikas Storie Strong type dots.
(Staing bonery-10)
Jagged arrays: - array that contains a grown of
curray within it. can used to Store 1,2, and 3D array as well.
also called as "irregular multidimensional arrays.
int n[][]=new in+[2][:];
eg > int ne(3[)[]= new double (row size)
(3/3/7/
3(400 4:3e)

Debining number of etement in each row int [][] num = new int [3][]; vnolog= vor (3), -> [00/01/05] Jam [1] = vor ! (+ [5];) [10] unu[5] = Lon , wh(1); ed > Rectargle array vs Jogges array 1 2 3 2 3 9 Town is always some. 1 3 10 is tixed array now is not some in jagged array. Demonstrate of Jogged array. : * olyno Dava on ilox; Class Jaggedanray int ancoco new integolos; MINN lutto)=non jutta]; in+(1)= new in+(2); 101-[5]= vors 101-[1]: 2022,11,29 -> bor(inLizo; iKour length; itt) E fulinti=0; Xancij. rength; Ith Stort, ars (1) (2))