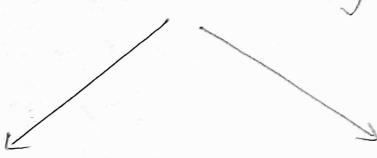
Double Dimensional Array



Rectangular 2D avoicy Every Row in of Same

Number of Column



Syntax of 20 Array:

Array Reference: (data type > [][] < array-Name >

Actual Army

Larray - Name > = New Loade type > [Rowsize] [colomb & 24]

Jagged 20 over

Each stoo can have different Number of columb

Input output in Rectargular Array!-

HI WAP to create a Rectangle 2D covery by accepting Row and Col Size from the user. Accept value from the Array from the user and finally display all the elements in Matrix Style as well as display their Sum

import Java. util. Scanner; import Java. util. Array; Public class Main

Public Static void movin (String [] args)

Scanner Sc = new Scanner (System. in);
System. out. printh ("enter Row Size");
int r = Sc. nextInt();
System. out. println("Enter Coloumb Size");
int c= Sc. nextInt();
int C= Sc. nextInt();
int [][] are = new int [r][c];
int [][]. Sym = 0;

```
Jor (120 | 1628-11 111)
2 Jor(J=0; J L= C=1; J++)
       3
          System. out. printh (" Enter value");
            Oron [i] [j] : Sc. new Jud();
           Sum = Sum , ow [i][J];
for ( 1=0 ; [2=8-1; 141)
    System. out println ();
    for (J=0) J <= C-1; J+1)
      System. oud printh ( our [i][]];
      System. out. print ("
 System.out. printin ("The Sem is " + Sum);
```

Initializing a rectangular 2D array

(i)

int EJ[Jan = now int [3][4]

an [0][0] = 10; an [0][1] = 20; an [0][2] = 30;

(or)

(2) int [][] avn = new int [][] { {(10,20,30)}, {40,00,00}, optional }, {60,70,80}},

(or)

(3) Int [][] arr = {{10,20,303, {20,30, 403, {50,50,703}},