## Gaathi

## Mett Coluttidinensional Arrays

a toutidinensional dreaty. For example.

int x [3] [4];

There, x is a teco-dimensional areay. It can hold a maximum of 12 element

We can think of this growy as a table with a sows & each has 4 Column as shown.

AP DE ST	Coll	Co12	613	C014
Rows	XCO	×[0][1]	X[0][2]	(E)(G)X
Rows	(EJX		700	
Rows	x[2]		×[2][2]	
Rowy	×(3)		2(3)(1)	THE RESERVE OF THE PARTY OF THE

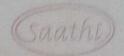
Three-dimensional grown ouso work in

foct x[2][4][3];

ebroant. I can hold a maximum of 24

in grody. Out totel number of element

2×4×3= 24



## \* colutidimensional Arongy Initilization

multidimentional assay is more than one way

\* Pritilization of two-dimentional Array.

9nt test [2][3] =  $\frac{3}{2}$ , 4, 5, 9, 0, 19 $\frac{3}{5}$ ;

The abhove method is not prepared.

A better way to initilize this growny with the
Barne growny element.

This grows has 2 your golden, which is why we have to your element with 3 element.

\* Pritilizection of three-directsional Array

 $\frac{11}{12}, \frac{23}{2}, \frac{2}{13}, \frac{4}{12}, \frac{56}{12}, \frac{9}{13}, \frac{11}{23}$ 

This is not a good way to initilize ear

Date

A bener copy to initilize is million

For test [2][3][4] =  $\frac{3}{4}$   $\frac{3}{4}$ ,  $\frac{3}{4}$ ,

Buick Buiz :-

an element of an initiliseation tood dimensional

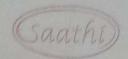
Jaking Input for two Dironsional Array.

using nemespecestel;

int main() 3
int pumbons [2] [3];

Cont K., Enter e vicupers: , < < engl;

Storing user inpertin tee



for (int i = 0; i < 2; ++i);

for (int) = 0; j < 3; ++ i);

(in>>nombors[i](j);

Cout << " The numbers goe: " << end!

bejution accord stower -

for (int i = 0; i < 2; t+i) = for (int j = 0; j < 3; t+j) = Cout <<" Numbers [i] < (" | ["<< j <<"]" | " | << Numbers [i] [i] << ende;

EPHENTO;

Here, we have to use pested for loop to take the input of end road, more all the input has been terken, we have to use to point the ground members.