A	91	2	Ω	L	18
	S. Walls			0	

•	Assou: S	ef es 30	nirs (a	value and	a index	)
•	0	,	2 mg - 1 mg - 2	rollection		_
	. 0		U	diacomt 7	V	

Array is represented in memory as consective

ant [0] [1] [2] [3] [4] [6] [6]

Implementation of Array

Declaration: type are name Size

Example: inf ann [5]

10 [1] [2] [3] [4]

1777 [0] = Base address (Random address assigned to arr)
1777 [k] = Base address + k \* size of (int)

## Implementation of Array

```
Arronys
```

Address of Array

for (i=0; i<5; i++) {

printf ("% b\n", & arr [i]);

THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	
#	Tuso - Dimensional Assays
	The state of the s
•	A 2-démensional arrays is a collection of elements
	placed in 'm' nouss and 'n' colums.
	Two dimensional arrays are used for representing
	table and metrics.
324	
	Oclaration
37235	type non name [ now size ] [ col size ]
	0
	for example:
	int and [3] [5]
	Type - inf
	Name05%
	3 reus and 5 columns
	Initialization
	er .
	Directly Tritialize while doclaring
	inf 09/2 [2][3] = {153874}
	999 [0][2] = 9
	Use braces to separate:
9	emf non[2][3] = {
	1153}
	{ 8, 7, 43
	}

```
# include < stdeo. h >
                                 molling 1
# include < stolleb. h >
ent main () {
      ent 1902 [2][3];
      enf i, j;
      int counter = 1;
      ger ( i = 0; i<2; i++) {
          for (j=0; j<3; j++) {
              arr[i][j] = counter;
              counter = counter+1;
     for ( i=0; i<2; i++) {
          for (j=0; j<3; j++) {
               frients ("%d", Dur [i][j]);
           prients ("\n");
     return 0; and write a real of the file of the
```