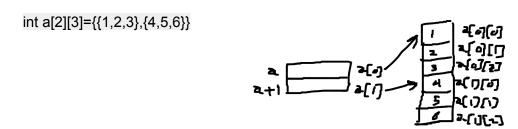
1D Array:

2D Array:



Pointer to Array:



String:

- There is no string type in c (just an array of characters that ends with "\0").

```
char c[10]="welcome";

//or

// char c[10]={'w','e','l','c','o','m','e','\0'};
```

You can read string from using (scanf): char a[10]; scanf("%s", a); // or you can read single characters // scanf("%c",a[0]); // scanf("%c",a[1]); //

String and Pointers:

- We can use pointers with string to point to specific location in the array of characters as follows:

```
char c[10]="welcome";

char* p = c;

printf("%s", p);  // this will print "welcome"

printf("%c", *p);  // this will print 'w'
```

You can copy String using pointer as follows::