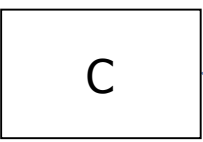


```
char c = 'C';
```



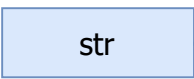
We can print a character by using %c

```
printf("%c", c);
```

Character array is just a collection of characters.
We can print a single character from that collection by pointing the index.

```
printf("%c", str[5]);
```

```
char str[10] = "Compiler";
```



C	O	M	P	I	L	E	R	\0	
[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]

Position / index of this character

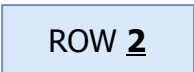
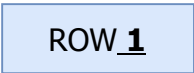
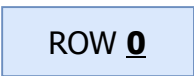
We can print the entire row or collection by using %s with the array name.

```
printf("%s", str);
```

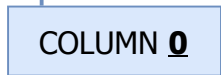
We can print the entire row by using %s with the row index.

```
printf("%s", words[0]);
```

```
char words[3][10] = { "Compiler", "Design", "Lab" };
```



C	O	M	P	I	L	E	R	\0	
[0][0]	[0][1]	[0][2]	[0][3]	[0][4]	[0][5]	[0][6]	[0][7]	[0][8]	[0][9]
D	E	S	I	G	N	\0			
[1][0]	[1][1]	[1][2]	[1][3]	[1][4]	[1][5]	[1][6]	[1][7]	[1][8]	[1][9]
L	A	B	\0						
[2][0]	[2][1]	[2][2]							



In 2D array, the position of a character is measured by [ROW][COLUMN] format. Using this [row][col] formation, we can also print a character by using %c

```
printf("%c", words[2][2]);
```