

Presentation
Of
C Language
Prepared
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2d Array:

- 2d array is 2 dimensional array.

arr	col[0]	col[1]	col[2]
row[0]	10	20	45
row[1]	42	79	81
row[2]	89	9	36

2D Array Arrangement

15th Application:

```
#include<stdio.h>
main(){

    int T[10][10] , r , c , sum = 0;

    for(r=1; r <=2 ; r++){

        for(c = 1; c<=2 ; c++){

            printf("\n Enter r = %d & c = %d = " , r , c );
            scanf("%d" , &T[r][c]);

        }
    }
    for(r = 1; r<=2; r++){
```

```

        for(c = 1; c<=2; c++){

            printf("\n r = %d & c = %d = %d " , r ,c ,T[r][c]);

            sum += T[r][c];
            printf("\n sum of Array is %d " , sum);

        }
    }
}

```

16th Application:

Matrix:

```

#include<stdio.h>
main(){

    int T[10][10] , r , c , sum = 0;

    for(r=1; r <=2 ; r++){

        for(c = 1; c<=2 ; c++){

            printf("\n Enter r = %d & c = %d = " , r , c );
            scanf("%d" , &T[r][c]);

        }

    }
}

```

```
for(r = 1; r<=2; r++){  
    for(c = 1; c<=2; c++){  
  
        printf("\t\t\t %d " ,T[r][c]);  
  
    }  
  
    printf("\n\n");  
}  
  
}
```