* Find the maximum value in array.

```
#include<stdio.h>
int main()
{
    int arr[] = {23, 12, 45, 20, 90, 89, 95, 32, 65, 19};
    int n = sizeof(arr)/sizeof(arr[0]);
    Int res = arr[0];
    for(int i=0; i<n; i++)
    {
    if(res<arr[i])
        res = arr[i];
    }
    printf("Array Elements : ");
    for(int i=0; i<n; i++) {
    printf("%d", arr[i]);
    }
    printf("\n");
    printf("The maximum value of the array is :
            %d ", res);
    return 0;
    }
```

Output :

Array Elements : 23 12 45 20 90 89 95 32
65 19

The maximum value of the array is : 95

* Calculate Sum of Array elements:

```
#include <stdio.h>
int getsum(int arr[], int n) {
        //Initialize sum to 0
        int sum = 0;
        for (int i=0; i<n; i++)
{
        // Add each element to sum
            sum += arr[i];
        }
        return sum;
}
int main() {
        int arr[] = {1,2,3,4,5};
        int n     = sizeof(arr)/sizeof(arr[0]);
        //Find the sum
        int res = getsum(arr,n);
        printf("%d", res);
        return 0;
}
```

Output:

15

* Reverse array in C.

```
#include <stdio.h>
void rev(int arr[], int n){
    //Two pointers
    int l=0, r=n-1;
    while (l<r){
        //Swap the elements
        int temp = arr[l];
        arr[l] = arr[r];
        arr[r] = temp;
        //Move pointers towards middle
        l++;
        r--;
    }
}
int main(){
    int arr[] = {1,2,3,4,5};
    int n = sizeof(arr)/sizeof(arr[0]);
    //Reverse array arr
    rev(arr,n);
    for(int i=0; i<n; i++):
        printf("%d", arr[i]);
    return 0;
}
```

Output:

5 4 3 2 1