

# Checking if Array is Sorted

```
#include<stdio.h>
#include<stdlib.h>
struct Array
{
    int A[10];
    int size;
    int length;
};

void Display(struct Array arr)
{
    int i;
    printf("\nElements are\n");
    for(i=0;i<arr.length;i++)
        printf("%d ",arr.A[i]);
}

int isSorted(struct Array arr)
{
    int i;
    for(i=0;i<arr.length-1;i++)
    {
        if(arr.A[i]>arr.A[i+1])
            return 0;
    }
    return 1;
}

int main()
{
    struct Array arr1={{2,3,9,16,18,21,28,32,35},10,9};
    printf("%d",isSorted(arr1));
    Display(arr1);
    return 0;
}
```