

# Deleting from Array

```
#include<stdio.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 Delete(struct Array *arr,int index)
{
    int x=0;
    int i;
    if(index>=0 && index<arr->length)
    {
        x=arr->A[index];
        for(i=index;i<arr->length-1;i++)
            arr->A[i]=arr->A[i+1];
        arr->length--;
        return x;
    }
    return 0;
}

int main()
{
    struct Array arr1={{2,3,4,5,6},10,5};
    printf("%d",Delete(&arr1,0));
    Display(arr1);
    return 0;
}
```