

## Find Duplicate Element in an Array

```
#include<stdio.h>

int main()
{
    int i,j,n,arr[100];
    int temp=0;
    printf("Enter the size of array:");
    scanf("%d",&n);
    printf("Enter the elements of array:");
    for(i=0;i<n;i++)
    {
        scanf("%d",&arr[i]);
    }
    printf("Duplicate elements are:\n");
    for (i = 0; i < n; i++) {
        int flag = 0;
        for (j = 0; j < i; j++) {
            if (arr[i] == arr[j]) {
                flag = 1;
                break;
            }
        }
        if (!flag) {
            for (j = i + 1; j < n; j++) {
                if (arr[i] == arr[j]) {
                    printf("%d ", arr[i]);
                    break;
                }
            }
        }
    }
}
```

```
    }  
}  
}  
}  
printf("\n");  
return 0;  
}
```