

Find duplicate elements in an array

```
#include<stdio.h>

int main()
{
    int i,j,n,count;

    printf("How many index? ");

    scanf("%d",&n);

    int arr[n],dup[n];

    for(i=0; i<n; i++)
    {
        scanf("%d",&arr[i]);

        dup[i]=-1;
    }

    for(i=0; i<n; i++)
    {
        count=1;

        for(j=i+1; j<n; j++)
        {
            if(arr[i]==arr[j])
            {
                count++;

                dup[j]=0;
            }
        }

        if(dup[i]!=0)
        {
            dup[i]=count;
        }
    }
}
```

```
printf("Duplicate elements are: \n");  
for(i=0;i<n;i++)  
{  
    if(dup[i]>1)  
    {  
        printf("%d ",arr[i]);  
    }  
}  
printf("\n");  
}
```