

Find duplicate elements in an array

```
#include<stdio.h>

int main()
{
    int i,j,n,count,count2=0;
    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]);
        count2++;
    }

}

if(count2==0)
{
    printf("-1\n");
}

}
```