

Count number of occurrences (or frequency) in a sorted array

```
#include<stdio.h>

int main()
{
    int N,X,i,count=0,Arr[]={1,1,2,2,2,2,3};
    printf("Size: ");
    scanf("%d",&N);
    printf("Number: ");
    scanf("%d",&X);
    for(i=0;i<N;i++)
    {
        if(Arr[i]==X)
        {
            count++;
        }
    }
    if(count==0)
    {
        printf("%d is not found in the given array.\n",X);
    }
    else{printf("%d occurs %d times in the given array.\n",X,count);
}
}
```