#include <stdio.h>

void main(){

int n;

printf("enter size of an array:");

scanf("%d",&n);

int m,i,arr[n],count=0,count1=0;

printf("number of occupied elements:");

scanf("%d",&m);

// enter elements of array

for(i=0;i<m;i++){

scanf("%d",&arr[i]);

}

// print array

printf("the array formed is:");

for(i=0;i<m;i++){

printf("%d",arr[i]);

}

printf("\n");

// counting even and odd number of elements in an array

for(i=0;i<m;i++){

if(arr[i]%2==0)

count++;

}

printf("number of elements is %d\n",count);

for(i=0;i<m;i++){

if(arr[i]%2!=0)

count1++;

}

printf("number of odd elements is %d",count1);

}