**ASSIGNMENT 6**

/**\*Program to print counters of even and odd numbers in given array**

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**C34\*/**

#include<stdio.h>

void count(int \*p,int \*e,int \*o, int);

void main()

{

int n,i;

int counte=0,counto=0;

int a[300];

printf("Enter maximum numbers: ");

scanf("%d",&n);

for(i=0;i<n;i++)

{

printf("Enter element %d ", i+1);

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

}

count(a,&counte,&counto,n);

printf("\n\nCount of even numbers is: %d",counte);

printf("\n\nCount of odd numbers is: %d",counto);

printf("\n\n");

}

void count(int \*p,int \*e,int \*o,int n)

{

int i;

for(i=0;i<n;i++)

{

if(\*(p+i)%2==0)

\*e=\*e+1;

if(\*(p+i)%2==1)

\*o=\*o+1;

}

}

