CSA0396- **DATA STRUCTURES FOR SERVICE AND RESOURCE MANAGEMENT**

**NAME:D.Siva Prasad Reddy**

**Reg no:192011401**

**2.** **Write a C program to find Odd or Even number from a given set of numbers**

#include<stdio.h>

int main(){

int n;

printf("Enter Array Size:");

scanf("%d",&n);

int arr[n];

int count\_odd = 0,count\_even = 0;

printf("Enter Array Elements : \n");

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

{

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

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

count\_even+=1;

}

else

count\_odd+=1;

}

printf("EVEN COUNT : %d \n", count\_even);

printf("ODD COUNT : %d", count\_odd);

}

**OUTPUT**

