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

**Program:-**

#include<stdio.h>

int main()

{

int n, a[20];

printf("Enter the size of the array: ");

scanf("%d", &n);

printf("Enter array elements: \n");

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

{

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

}

printf("Even numbers in the array are: \n");

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

{

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

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

}

printf("\nOdd numbers in the array are: \n");

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

{

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

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

}

return 0;

}

**Output:-**

