EVEN OR ODD ARRAY

#include <stdio.h>

void main();n

{

int n;

printf("Enter number of elements in the array: ");

scanf("%d", &n);

int arr[n];

//Take n elements as input from the user

printf("Enter %d elements in the array: ",n);

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

{

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

}

//Print all the even numbers

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

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

{

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

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

}

//print all the odd numbers

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

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

{

if(arr[i]%2==1)

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

}

return 0;

}

Output

Enter number of elements in the array: 2

Enter 2 elements in the array: 23

24

Even numbers in the array are: 24

Odd numbers in the array are: 23