#include<stdio.h>

void main()

{

int n,i;

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

scanf("%d", &n);

int arr[n];

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

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

{

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

}

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

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

{

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

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

}

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

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

{

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

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

}

}

Output:

Enter number of elements in the array: 6

Enter 6 elements in the array: 2

2

2

2

2

2

Even numbers in the array are: 2 2 2 2 2 2

Odd numbers in the array are:

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Process exited after 5.546 seconds with return value 6

Press any key to continue . . .