#include<stdio.h>

int main()

{

int n,i;

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

scanf("%d",&n);

int arr[n];

printf("enter the %d elements of array:",n);

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

{

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

}

printf("the even numbers are:\n");

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

{

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

{

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

}

}

printf("the odd numbers are:\n");

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

{

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

{

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

}

}

return 0;

}

OUTPUT:

enter the number of elements in an array:4

enter the 4 elements of array:1

3

6

10

the even numbers are:6 10

the odd numbers are: 1 3

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Process exited after 7.852 seconds with return value 0

Press any key to continue . . .