

Code

```
#include <stdio.h>

int main() {
    int n, i;
    scanf("%d", &n);
    int arr[n];
    for(i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }
    printf("Even numbers: ");
    for(i = 0; i < n; i++) {
        if(arr[i] % 2 == 0)
            printf("%d ", arr[i]);
    }
    printf("\nOdd numbers: ");
    for(i = 0; i < n; i++) {
        if(arr[i] % 2 != 0)
            printf("%d ", arr[i]);
    }
    return 0;
}
```

Output

```
Enter the number of elements in the array: 5
Enter 5 elements:
33
60
69
2
9

Even numbers in the array are:
60 2

Odd numbers in the array are:
33 69 9
```