

```
//EVEN OR ODD

#include void main()

{
    int array[100], i, num;
    printf("Enter the size of an array \n");
    scanf("%d", &num);
    printf("Enter the elements of the array \n");
    for (i = 0; i < num; i++) { scanf("%d", &array[i]);
    }
    printf("Even numbers in the array are:\t ");
    for (i = 0; i < num; i++)
    {
        if (array[i] % 2 == 0)
        {
            printf("%d \t", array[i]);
        }
    }
    printf("\nOdd numbers in the array are:\t");
    for (i = 0; i < num; i++)
    {
        if (array[i] % 2 != 0)
        { printf("%d \t", array[i]);
        }
    }
}
```

```
Enter the size of an array
5
Enter the elements of the array
21
12
45
2
56
Even numbers in the array are:  12      2      56
Odd numbers in the array are:  21      45
Process returned 5 (0x5)    execution time : 15.607
Press any key to continue.
```