

```
1  #include<iostream>
2  using namespace std;
3
4  /* TASK 2: Count Even and Odd Numbers in an Array
5  1.Accept the number of elements (N) from the user.
6  2.Take N integer inputs and store them in an array.
7  3.Display the count of even and odd numbers.*/
8
9  int main()
10 {
11     int n;
12
13     cout << "Enter the no of elements : "<< endl;
14
15     cin >> n;
16
17     if (n <= 0)
18     {
19         cout << "Insertion failed no of elements must be greater than 0" << endl;
20         return 1;
21     }
22
23     int* arr = new int[n];
24     cout << " " << endl;
25     cout << "Enter " << n << " Elements " << endl;
26
27     for(int i = 0; i < n; i++)
28     {
29         cin >> arr[i];
30     }
31
32     int evencount = 0, oddcount = 0;
33     for(int i = 0; i < n; i++)
34     {
35         if(arr[i] % 2 == 0)
36         {
37             evencount++;
38         }
39         else{
40             oddcount++;
41         }
42     }
43
44     cout << " " << endl;
45     cout << "Even count in the above elements is" << evencount << endl;
46     cout << "Odd count in the above elements is" << oddcount << endl;
47
48     delete[] arr;
49     return 0;
50 }
```