

```
public int[] evenOdd(int[] nums) {  
    int[] a = new int[nums.length];  
    int j = 0;  
    for (int n : nums) {  
        if (n % 2 == 0) {  
            a[j] = n;  
            j++;  
        }  
    }  
    for (int n : nums) {  
        if (n % 2 == 1) {  
            a[j] = n;  
            j++;  
        }  
    }  
    return a;  
}
```