

```
1
2  /**
3   * counter example and multi conditon
4   */
5  public class CounterExampleMultiCon
6  {
7      /**
8       * if the array has zeros or odd numbers
9       * return true, otherwise return false
10      */
11     public boolean counterExamples(int[] arr)
12     {
13         for(int i=0; i<arr.length; i++){
14             if(arr[i]==0) {
15                 return true;
16             }
17             if(arr[i]%2!=0) {
18                 return true;
19             }
20         }
21         return false;
22     }
23
24     /**
25      * if the array has both zeros and odd number
26      * return true, otherwise return false
27      */
28     public boolean multiCondition(int[] arr)
29     {
30         boolean fZero=false;
31         boolean fOdd=false;
32         for(int i=0; i<arr.length; i++){
33             if(arr[i]==0) {
34                 fZero=true;
35             }
36             if(arr[i]%2!=0) {
37                 fOdd=true;
38             }
39         }
40         return fZero&&fOdd;
41     }
42
43 }
44
```