

```
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main {

    public static void main (String[] args) throws java.lang.Exception {

        Scanner sc = new Scanner(System.in);
        int t = sc.nextInt();
        for(int i=0; i<t; i++) {
            int n = sc.nextInt();
            int m = sc.nextInt();
            if(n%2==m%2) {
                if(n%2==0) {
                    System.out.println(0);
                }
                else {
                    System.out.println(n+m-1);
                }
            }
            else {
                if(n%2==0) {
                    System.out.println(n);
                }
                else {
                    System.out.println(m);
                }
            }
        }
    }
}
```