

```

public int secondSmallest(int[] any){
    if(any==null || any.length < 2) {
        throw new IllegalArgumentException("Input array too small");
    }
    int smallest = Integer.MAX_VALUE;
    int secsmallest = Integer.MAX_VALUE;
    for(int i = 0; i < any.length; i++){
        if(any[i] < smallest){
            secsmallest = smallest;
            smallest = any[i];
        }else if(any[i] < secsmallest && any[i] >= smallest){
            secsmallest = any[i];
        }
    }
    return secsmallest;
}

```

```

public int gcd(int m, int n){
    int d = m < n ? m : n;
    for(int i = d; i >= 1; i--){
        if((m%i == 0) && (n%i == 0)){
            return i;
        }
    }
    return 1;
}

```