2.Given an array of numbers you are expected to find the sum of all prime numbers in an given array.you must however exclude largest prime number in the array.If the array does not contain prime number the output is the sum of all the numbers in the array except the greatest number.

import java.util.Scanner;

class Sumprimenumber {

public static void main(String[] args) {

int n, flag = 0, sum = 0;

Scanner o = new Scanner(System.in);

n = o.nextInt();

int[] a = new int[n];

for (int i = 0; i < n; i++) {

a[i] = o.nextInt();

}

for (int i = 0; i < n; i++) {

if (isprime(a[i])) {

sum += a[i];

}

}

if (sum != 0) {

System.out.println(sum);

}

else {

int swap;

for (int i = 0; i < n; i++) {

for (int j = i + 1; j < n; j++) {

if (a[j] > a[i]) {

swap = a[j];

a[j] = a[i];

a[i] = swap;

}

}

}

for (int i = 1; i < n; i++) {

sum += a[i];

}

System.out.println(sum);

}

}

public static boolean isprime(int n) {

if (n == 0 || n == 1)

return false;

for (int i = 2; i <= Math.sqrt(n); i++)

{

if (n % i == 0) {

return false;

}

}

return true;

}

}

