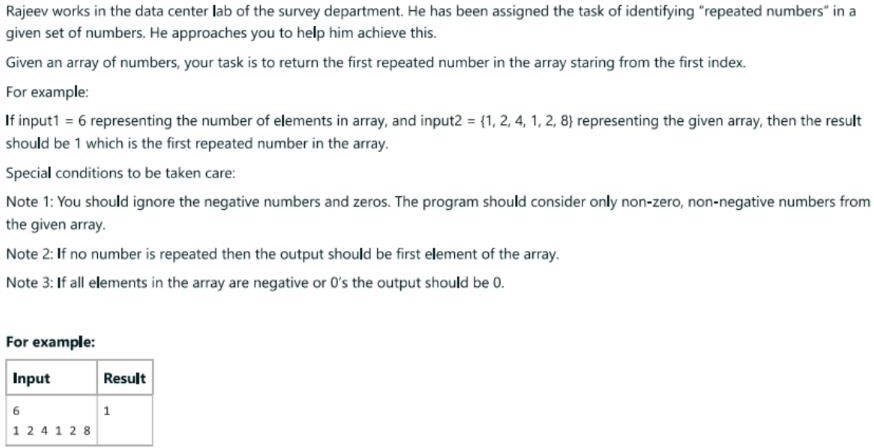
JAVA SAMPLE PROGRAMS



CODE:

import java.util.\*;

class RepeatedNumber{

public static void main(String args[])

{

Scanner obj= new Scanner(System.in); int n=obj.nextInt(); //ARRAY SIZE int[] a= new int[n];

boolean f=false;

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

{

a[i]=obj.nextInt();

}

for (int p=0;p<n;p++)

{

if(a[p]>0)

{

f=true;

}else{ System.out.print("0"); break;

}

}

if(f){

for (int j=0; j<n; j++){ for(int k=0; k<n; k++){

if(a[j]==a[k])

{

System.out.print(a[j]); break;

}else{ System.out.print(a[0]); break;

}

}

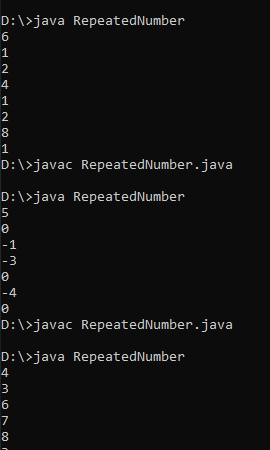
break;

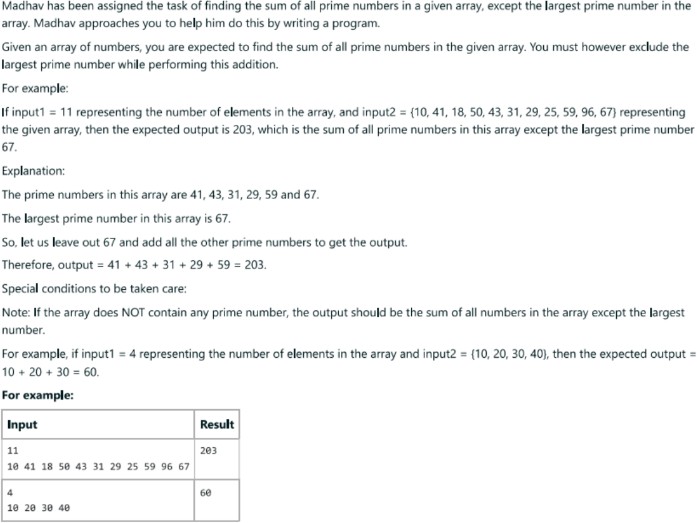
}

}

}

} OUTPUT:





CODE:

import java.util.\*;

class SumPrime {

public static void main(String[] args) { Scanner sc = new Scanner(System.in); int n = sc.nextInt();

int[] e = new int[n]; int sumOfPrimes = 0;

int largestPrime = 0; // Track the largest prime encountered

for (int i = 0; i < n; i++) { e[i] = sc.nextInt();

if (isPrime(e[i])) { sumOfPrimes += e[i];

if (e[i] > largestPrime) { // Update largestPrime if needed largestPrime = e[i];

}

}

}

System.out.println(sumOfPrimes - largestPrime); // Subtract the largest prime

}

static boolean isPrime(int num) { if (num <= 1) {

return false;

}

for (int i = 2; i \* i <= num; i++) { if (num % i == 0) {

return false;

}

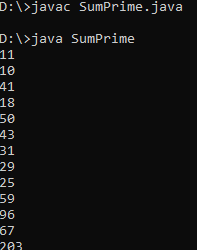
}

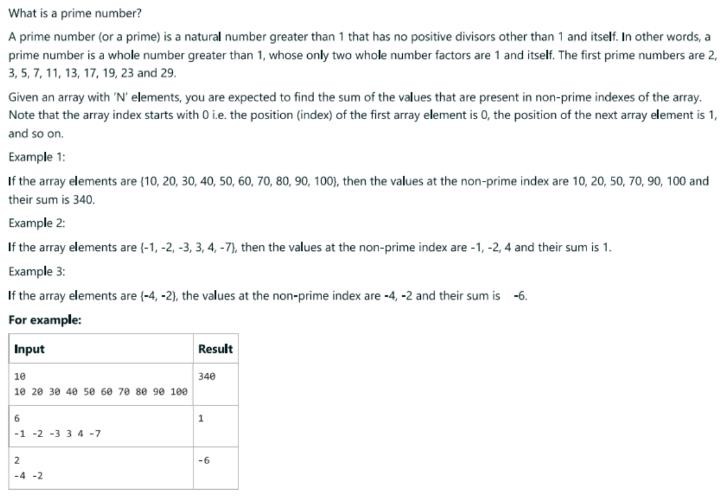
return true;

}

}

OUTPUT:





CODE:

import java.util.\*;

class SumIndexPrime {

public static void main(String[] args) { Scanner sc = new Scanner(System.in); int n = sc.nextInt();

int[] e = new int[n]; int sum = 0;

for (int i = 0; i < n; i++) { e[i] = sc.nextInt();

if (!isPrime(i)) { sum += e[i];

}

}

System.out.println(sum);

}

static boolean isPrime(int num) { if (num <= 1) {

return false;

}

for (int i = 2; i \* i <= num; i++) { if (num % i == 0) {

return false;

}

}

return true;

}

}

OUTPUT:

