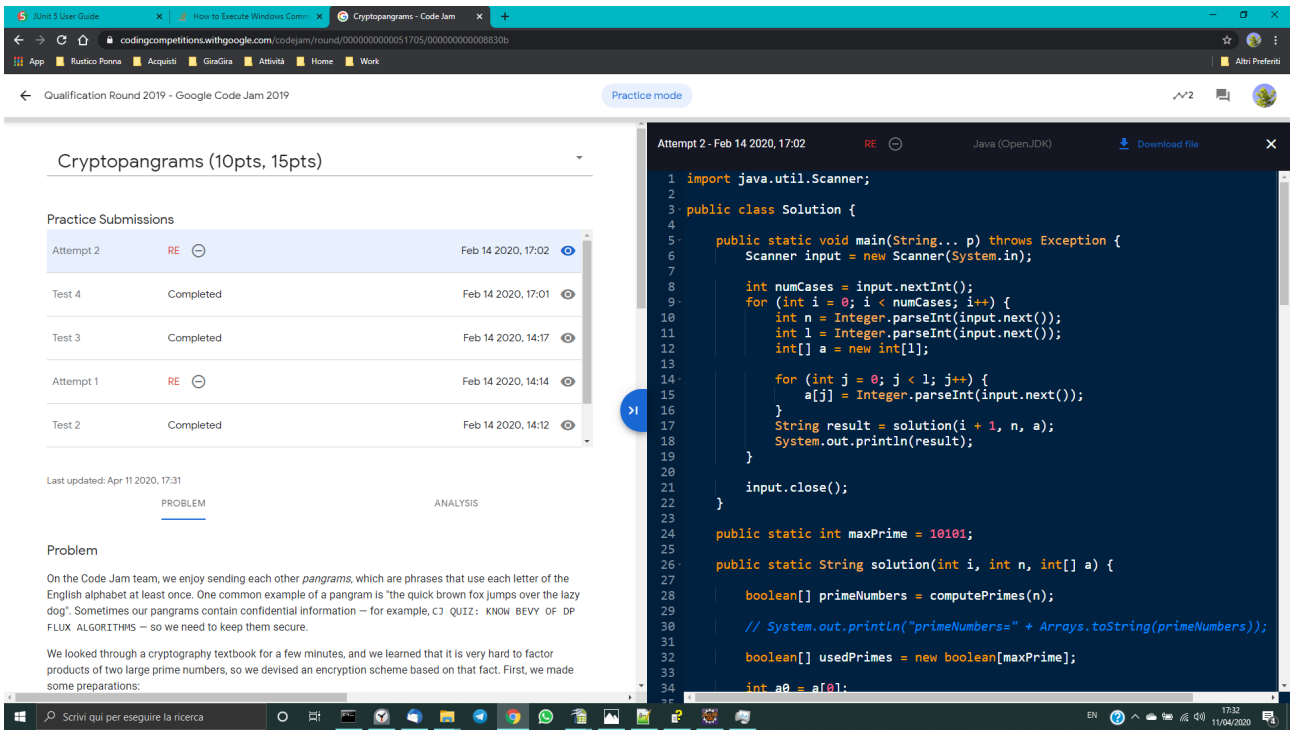
JUnit 5 User Guide
How to Execute Windows Comm
Cryptopangrams - Code Jam
codingcompetitions.withgoogle.com/codejam/round/0000000000051705/000000000008830b
App
Rustico Ponna
Acquisti
GiraGira
Attività
Home
Work
Altri Preferiti
Qualification Round 2019 - Google Code Jam 2019
Practice mode
Cryptopangrams (10pts, 15pts)
Practice Submissions
Attempt 2 RE Feb 14 2020, 17:02
Test 4 Completed Feb 14 2020, 17:01
Test 3 Completed Feb 14 2020, 14:17
Attempt 1 RE Feb 14 2020, 14:14
Test 2 Completed Feb 14 2020, 14:12
Last updated: Apr 11 2020, 17:31
PROBLEM
ANALYSIS
Problem
On the Code Jam team, we enjoy sending each other pangrams, which are phrases that use each letter of the English alphabet at least once. One common example of a pangram is "the quick brown fox jumps over the lazy dog". Sometimes our pangrams contain confidential information — for example, CJ QUIZ: KNOW BEVY OF DP FLUX ALGORITHMS — so we need to keep them secure.
We looked through a cryptography textbook for a few minutes, and we learned that it is very hard to factor products of two large prime numbers, so we devised an encryption scheme based on that fact. First, we made some preparations:
Attempt 2 - Feb 14 2020, 17:02
RE
Java (OpenJDK)
Download file
import java.util.Scanner;
public class Solution {
public static void main(String... p) throws Exception {
Scanner input = new Scanner(System.in);
int numCases = input.nextInt();
for (int i = 0; i < numCases; i++) {
int n = Integer.parseInt(input.next());
int l = Integer.parseInt(input.next());
int[] a = new int[l];
for (int j = 0; j < l; j++) {
a[j] = Integer.parseInt(input.next());
}
String result = solution(i + 1, n, a);
System.out.println(result);
}
input.close();
}
public static int maxPrime = 10101;
public static String solution(int i, int n, int[] a) {
boolean[] primeNumbers = computePrimes(n);
// System.out.println("primeNumbers=" + Arrays.toString(primeNumbers));
boolean[] usedPrimes = new boolean[maxPrime];
int a0 = a[0];
Scrivi qui per eseguire la ricerca
EN
17:32
11/04/2020