CONTEST | UNLOCKED   HOME   CONTEST   PROFILE   PROBLEMS   SUBMISSIONS   RANK   SIGN OUT

CHALLENGE C

DESCRIPTION   CLARIFICATIONS [10]

BASE TIME LIMIT: 1 SECOND | MEMORY LIMIT: 200 MB | CONTEST CONTEST NATAL 2022 / CHRISTMAS CONTEST 2022 BY BEECROWD NATAL

beecrowd | C

Sharing Gifts

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Timelimit: 1

During all the years, the magical elves work on the production of gifts for Santa Claus to deliver to children all over the world. As every Christmas in the past there is a large amount of gifts that must be produced, the elves ended up not counting the necessary amount for Christmas this year and now they are all worried because they do not know if they have produced enough or more than necessary for all the Christmases. boys and girls who behaved well.

The elves used all their magical powers to know how many children should receive a gift and how many have already been produced, but they discovered that you are an excellent programmer and asked for your help to make a program that says if it needs to produce more gifts, or how many gifts will go left over to be used next Christmas. They realized that they might have produced a large number of presents, so they decided that if all the children could receive the same amount of presents, they would put more than one present in the box.

Input

The input consists of two lines, the first line contains an integer **P**, $(1 \le |P| \le 10^5)$, corresponding to the number of gifts produced so far. The second line contains an integer **N**, $(1 \le N \le 10^{12})$, indicating how many children should receive at least one gift.

Output

The output consists of a message and an integer, if the number of gifts produced is not enough, the program should print "**Ainda faltam X presentes**", that means "There are still X gifts left!" where **X** is the amount of gifts that must be made for each child to receive at least one gift, otherwise, print "**Sobraram X presentes!**" that means "There are X gifts left!", where **X** is the amount of gifts that will be left over for the next Christmas.

Samples Input	Samples Output
42371723 10592923	Sobraram 31 presentes!
1005 100000	Ainda faltam 98995 presentes!

CHALLENGE

C

LANGUAGE

Java 14

SOURCE CODE

```java
 1  import java.io.IOException;
 2
 3  /**
 4   * IMPORTANT:
 5   *      O nome da classe deve ser "Main" para que
 6   *      Class name must be "Main" for your soluti
 7   *      El nombre de la clase debe ser "Main" par
 8   */
 9  public class Main {
10
11      public static void main(String[] args) throws
12
13          /**
14           * Escreva a sua solução aqui
15           * Code your solution here
16           * Escriba su solución aquí
17           */
18
19      }
20
21  }
```

CODE YOUR SOLUTION AND SUBMIT!   SEND