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Problem A: Blueprint Printer

Base Program Constraints: 1s, 256 MB

Clear Reward: +1 Point, Casino Map

The PHS Computer Club is getting ready to host its annual **end-of-the-year pizza party**! To ensure nobody leaves the party without a delectable slice of lukewarm locally-baked pizza, the club needs to make sure it has enough **funds** to purchase enough pizza boxes. This year, Polly Programmer and her friends, Stanley Studious and Calvin Calculator, are responsible for managing the club's budget and overseeing the event's expenses.

Unfortunately, it turns out Stanley sucks at budgeting, and now the team is approximately **four thousand dollars in debt**. Luckily, Polly has a plan to recoup their losses and more - it just involves some *slightly morally questionable* activities (robbing a casino). She's like, 99% sure the staff is secretly cheating at every game though, so... yay for ethics? To assist with their plan, their friend Olivia Operator agrees to help them navigate the Cardinal Casino's layout. In fact, Olivia already has a **layout** of the casino ready to go, but she's running into some problems with the **printer**.

The layout spans x sheets of paper, but the school printer only has y sheets in it. How many **additional sheets** does Olivia need to add to the printer to successfully print the layout? (The school is currently going through a paper shortage, so please answer the **minimum** she needs.)

Input

The first and only line of input contains two integers x and y $(1 \leq y < x \leq 1000)$.

Output

Output a single integer - the **minimum** number of sheets Olivia has to load into the printer.

Sample Test Cases

Sample 1 - Input

```
10 5
```

Sample 1 - Output

```
5
```

Notes

In the first test case, Polly needs to load 5 sheets of paper into the printer, bringing the total from 5 to 10 and allowing her to print the layout.