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# Transformation

locked

Problem

Submissions

Leaderboard

Discussions

You are given 2 integers X and Y and you need to transform the integer X to integer Y using only valid moves.

A valid move can be of the following types -

Reversing the current integer. If current integer has trailing zeroes then on rever-sing the integer leading zeroes gets eliminated.

Divide the current integer by 10.(Floor Division).

You have to print the minimum number of moves that need to be performed to transform integer X to integer Y using only valid moves and if it is not possible to transform integer X to integer Y then print "-1".

## Input Format

A single line that contains 2 integers representing the values of X and Y respectively..

## Constraints

 $0 \leq X, Y \leq 10^9$ 

## Output Format

A single line that represents the answer.

## Sample Input 0

```
100 1
```

## Sample Output 0

```
1
```

[f](#) [t](#) [in](#)Submissions: [129](#)

Max Score: 20

Difficulty: Medium

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☆☆☆☆☆

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Current Buffer (saved locally, editable)

C ▾



```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6 int main() {
```