

Classroom Decoration (Easy Version)

Time Limit: 1 Second
Memory Limit: 256 MB

Matttox is planning to decorate the CS 495 classroom with numbers to welcome students for the next semester! In specific, he wants to print out all positive integers in the range $[l, r]$ that contain 495. However, Matttox is not sure if the classroom is large enough for all integers satisfying the constraints. Can you help him find out the total number of integers he will need to print out given the constraints?

You will learn how to solve the generalized version of this problem later in this course. However, to make things easier for now, we add an additional constraint: $r - l \leq 10^6$.

Input

The only line of input contains two integers l and r ($1 \leq l \leq r \leq 10^{18}$, $r - l \leq 10^6$), as described in the problem statement.

Output

Output a single number denoting the number of integers satisfying the constraints.

Sample Inputs

1000 5000

Sample Outputs

14

Note

The numbers satisfying the constraints are: 1495, 2495, 3495, 4495, 4950, 4951, 4952, 4953, 4954, 4955, 4956, 4957, 4958, and 4959.