





Lovely Number

We consider a number to be lovely if it contains fewer than three instances of any distinct digit (in decimal representation)

- Examples of lovely numbers: 0, 100, 1232 and 9922
- Examples of numbers that are not lovely: 1000 (contains three copies of digit ) , 33533 (contains four copies of digit )

Examples:

- Given $A = 0$, $B = 0$, your function should return 1, because 0 is lovely.
- Given $A = 1$, $B = 111$, your function should return 110, because the only integer in the range $[1..111]$ that is not lovely is 111.
- Given $A = 100000$, $B = 100000$, your function should return 0, because 100000 is not lovely.

Assume that:

- A and B are integers within the range $[0..100000]$
- $A \leq B$