**Description**

**Problem Statement:**

You have to find the perfect number. Given that it is a positive, with no leading zeros and has exactly x digits in it. Suppose this integer is y if you move the last digit to the front then that integer will be z times of y. So, given integers, x and z find that perfect integer. The perfect integer should be minimum possible value. If an integer that meets this condition is not possible, return '-1'.

**Constraints**

1<=x<=3\*10^4 1<=z<=9

**Sample input**

6 5

**Sample output**

142857