

Input:

Input start with an interger T (T<=1000) , which denotes the number of test case. Then next T line follow with two integer A,B (1<=A<=B<=10^100).

Output:

For each test case print required answer with modulo(%) of 10^9+7

Sample Input:

3

1 200

50 250

1 1000

sample output:

2

12

20

NOTE: In computing, the modulo(%) operation finds the remainder after division of one number by another.

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Alternative Solution: Evan hossain