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Largest number possible

Submissions: 27771 (/problem_submissions.php?pid=882) Accuracy: 39.19% Difficulty: Easy
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Problems

Given two numbers 'N' and 'S' , find the **largest number** that can be formed with 'N' digits and whose sum of digits should be equals to 'S'.

Input:

The first line of input contains an integer **T** denoting the number of test cases. Then **T** test cases follow. The first line of each test case contains two space separated integers **N** and **S**, where **N** is the number of digits and **S** is the sum.

Output:

Print the **largest number** that is possible.If their is no such number, then print -1

Constraints:

$1 \leq T \leq 30$

$1 \leq N \leq 50$

$0 \leq S \leq 500$

Example:

Input:

2

2 9

3 20

Output:

90

992

Expected Time Complexity: $O(n)$

**** For More Input/Output Examples Use 'Expected Output' option ****

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