# Sherlock and Permutations

Watson asks Sherlock:
Given a string $S$ of $N$ `0's` and $M$ `1's`, how many unique permutations of this string start with `1`?

Help Sherlock by printing the answer modulo ($10^9+7$).

**Input Format**
First line contains $T$, the number of test cases.
Each test case consists of $N$ and $M$ separated by a space.

**Output Format**
For each test case, print the answer modulo ($10^9+7$).

**Constraints**
$1 \leq T \leq 200$
$1 \leq N,M \leq 1000$

**Sample Input**

```
2
1 1
2 3
```

**Sample Output**

```
1
6
```

**Explanation**
Test1: Out of all unique permutations ie. `01` and `10`, only second permutation satisfies. Hence, output is 1.
Test2: Out of all unique permutations ie. `00111 01011 01101 01110 10011 10101 10110 11001 11010 11100`, only `10011 10101 10110 11001 11010 11100` satisfy. Hence, output is 6.