K Candy Store

Jim enters a candy shop which has N different types of candies, each candy is of the same price. Jim has enough money to buy K candies. In how many different ways can he purchase K candies if there are infinite candies of each kind?

Input Format
The first line contains an integer T, the number of tests.
This is followed by 2T lines which contain T tests:
The first line (of each testcase) is an integer N and the second line (of each testcase) is an integer K.

Output Format
For each testcase, print the number of ways Jim can buy candies from the shop in a newline. If the answer has more than 9 digits, print the last 9 digits.

Note
This problem may expect you to have solved nCr Table

Constraints
1 <= T <= 200
1 <= N < 1000
1 <= K < 1000

Sample Input

```
2
4
1
2
3
```

Sample Output

```
4
4
```

Explanation
There are 2 testcases, for the first testcase we have N = 4 and K = 1, as Jim can buy only 1 candy, he can choose to buy any of the 4 types of candies available. Hence, his answer is 4. For the 2nd testcase, we have N = 2 and K = 3, If we name two chocolates as *a* and *b*, he can buy

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aaa bbb aab abb
```

chocolates, hence 4.