Problem H: How Many Ways

Dexter has **N** coins having values **1,2,3, … N**. He should select a subset of exactly **K** coins from those such that the selected coins sum to **N**. Find how many ways he can do it. Suppose, N=8, K=3 then he can select coins in 2 ways: {1,2,5}, {1,3,4}.

Input
First line of input is **T (≤20)** which is the number of cases. Then there are **T** lines each containing two numbers **K (1 ≤ K ≤ 10)** and **N (1 ≤ N ≤ 10^9)**.

Output
Output the number of ways to choose **K** coins **MOD 1000000007**.

Sample Input	Output for Sample Input
3	1
4 10	2
3 8	80142
4 231	

Problem Setter: Tasnim Imran Sunny
Special Thanks: Mahbubul Hasan