Name:____

Read carefully the problem, then identify the important parts, make a **model**, and a **flow chart**. Remember to describe all the passages that brings you to give a certain answer (why a certain value is an input, where you found information on the data type, why you made a certain choice, etc...).

Write a program that let you calculate and print the powers from b^0 to a certain $b^n \leq max$, for integers $n \geq 0$ and for given b and max.

For istance, if the user insert b=2 and max=500, the program will print the values of:

$$2^0, 2^1, 2^3, \dots, 2^n$$

with $2^n \leq 500$, indeed:

(the next value, 2^9 is 512 > 500).