/\*\*

求s=a+aa+aaa+aaaa+aa...a的值，其中a是一個數字。例如2+22+222+2222+22222(此時共有5個數相加)，幾個數相加有鍵盤控制。輸出結果的形式如：2+22+222=246；

\*/

package com.company;

import java.util.Scanner;

import java.lang.String;

public class Main {

public static void main(String[] args) {

System.out.print("請輸入想要的數字：");

Scanner input = new Scanner(System.in);

int content = input.nextInt();

System.out.print("請輸入想要的項數：");

int n = input.nextInt();

int sum = 0;

int num = 0;

for( int i = 0; i < n; i++){

num = num + content\*pow(10,i);

sum += num;

System.out.println("i= " + i + " num= "+ num + " pow= " + pow(10,i));

}

System.out.println(sum);

}

private static int pow(int x, int y){

int counter = x;

if(y == 0){return 1;}

else{

for(int i=1; i<y; i++){

x \*= counter;}}

return x;

}

}