import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int base = sc.nextInt();

int exponent = sc.nextInt();

if(base<=0){

System.out.println(base+" is an invalid");

System.exit(0);

}

if(exponent<=0){

System.out.println(exponent+"is an invalid");

System.exit(0);

}

if(base>exponent){

System.out.print(base+" is not less than "+exponent);

System.exit(0);

}

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

System.out.print( (int) Math.pow(base,i)+ " ");

}

}

}

Sample Input: 1

3

5

Sample output:1

3 9 27 81 243

Sample Input:2

4

2

Sample output:2

4 is not less than 2