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將一個正整數分解質因數。例如：輸入90,打印出90=2\*3\*3\*5。

\*/

package com.company;

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

int number = input.nextInt();

System.out.print(number + " = ");

while(number != fun(number))

{System.out.print(fun(number) + " \* ");

number = number/fun(number);}

System.out.println(number);

}

private static int fun(int number){

if(number == 1){return 1;}

for(int i=2; i<=number; i++)

{if(number%i == 0)

{return i;}}

return 0;

}

}