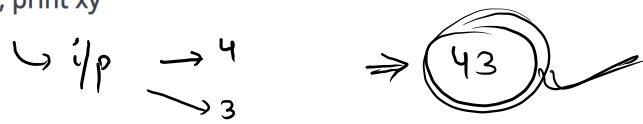


Given x and y, print xy



✓ $4 + "" + 3$ ✓ $\Rightarrow "43"$

✓ ✓
 $\begin{array}{r} 4 \quad 3 \\ \hline 10^1 \quad 10^0 \end{array}$

\Rightarrow

$4 \times 10 + 3$
 $= 43$ ✓

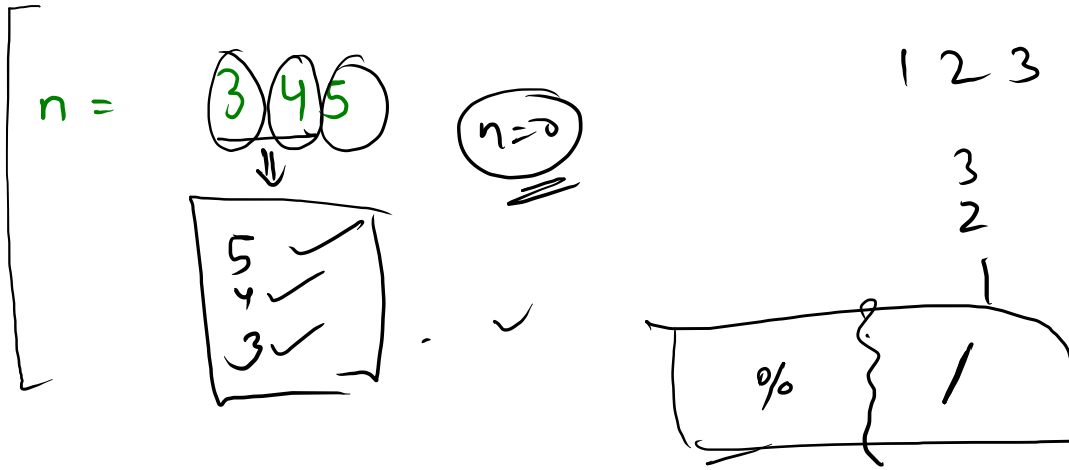
2 i/p.

↳ 2 digit no.

$(x) \times 10 + y = \text{ans.}$

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scn = new Scanner(System.in);
8         int x = scn.nextInt();
9         int y = scn.nextInt();
10        int num = x * 10 + y;
11
12        System.out.println(num);
13
14    }
15 }
```

Print digit by digit of a three digit number



Return type.

345



Parameter / Argument

define ((int n))

calling a func
(argu).

Reverse a number.

$n = 123 \Rightarrow 321 ?$

note: \hookrightarrow string "123"

321

int n = 123 + 10;
= 133

stop

3

123 / 10

$n = 321 + 10$
= 331

int val =

*

$n = 123 \rightarrow \boxed{12} \rightarrow \boxed{1}$

$val = \cancel{0} \cancel{3} 2$

$digit = \cancel{3} \cancel{2} 1$

$val = val * 10 + digit$

$val = 3 * 10 + 2$

$val = 32 * 10 + 1$

val = 321

$n = \cancel{4} \cancel{7} \cancel{3} \rightarrow 4$

$val = val * 10 + digit$

$val = \cancel{0} \cancel{3} 37$

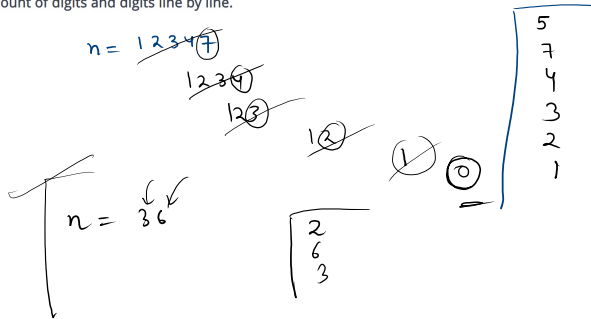
$\cancel{4} = \cancel{3} \cancel{7} 4$

$3 \times 100 + 7 \times 10 + 4$

$370 + 4$

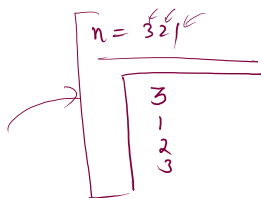
= 374

Print count of digits and digits line by line.

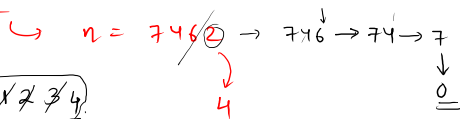


2 question

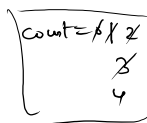
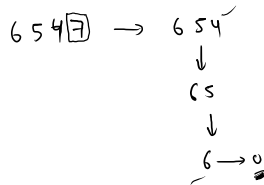
- 5 times
1. count Digit (Print)
 2. Print Digit by digit



✓ Count Digits

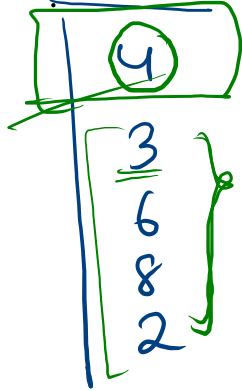


$n = 6547 \rightarrow 4$

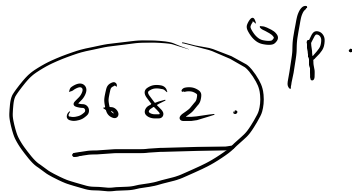


Print the final number xyzw...

i/p.



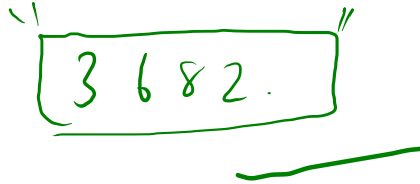
\Rightarrow



d = 3

$val = \cancel{0} 3$

$val = val * 10 + d$



$\begin{matrix} \textcircled{3} \\ 5 \\ 6 \\ 2 \end{matrix} \Rightarrow 562$

Write a function to check if an Armstrong number or not

eg. 153 \rightarrow ? \Rightarrow 3 digits.
 Armstrong no.

Armstrong no.

$$1^3 + 5^3 + 3^3 = 1 + 125 + 27 = 153$$

eg. 2 371 \rightarrow 3 digit

$$\begin{array}{r} 69 \\ \times 7 \\ \hline 343 \end{array}$$

$$3^3 + 7^3 + 1^3 = 27 + 343 + 1 = 371$$

eg. n=3 \rightarrow ①
 $3^1 = 3$

all single digit

n=4 \rightarrow ④
 $4^1 = 4$

n = 153

total count digit

countDigit = 3

cd = 3

$$3^{cd} + 5^{cd} + 1^{cd} = \frac{\%}{/}$$