



# Print count of digits and digits line by line.

Problem	Submissions	Leaderboard	Discussions
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You will be given a number greater than or equal to zero. Print the count of digits in the first line and then you have to print its digits from the digit at one's place till the digit at the at the largest place value such that each digit should be printed in a separate line.

Sample Input 0

7654

Sample Output 0

4  
4  
5  
6  
7

$n = 7654$   
4  
5  
6  
7  
}  $\rightarrow 2$

4  $\rightarrow$  count

int count = 0;  
while (n > 0)

count++  $\leftarrow$

$n/10$   $\leftarrow$  quotient

return count;

System.out.println(n % 10);

7654 > 0 (T) Count = 1

765 > 0 (T) Count = 2

76 > 0 (T) Count = 3

7 > 0 (T) Count = 4

0 > 0 (F)

# Print the final number xyzw...

Problem

Submissions

Leaderboard

Discussions

Take n as an integer input. Then take n digits as integer inputs and form a number from it and print that number as an integer output.

Sample Input 0

4  
1  
2  
3  
6

Sample Output 0

1236

int ans = 0;

$ans = ans * 10 + x;$   
 $ans * 10 + x;$

$n = 734 \rightarrow 4 \times 10$

$4 \times 10 + 3$

$43 \times 10 + 7$

437

$n = 4$   
 $for (int i = 1; i <= n; i++)$   
 $\{$   
 $\quad int x = scan\_next\_int();$   
 $\quad ans = ans * 10 + x;$   
 $\}$

$i = 1, c = 4(1) \quad x = 1$   
 $ans = 0 * 10 + 1$   
 $= 0 + 1$   
 $= 1$

$i = 2, c = 4(1) \quad x = 2$   
 $ans = 1 * 10 + 2$   
 $= 12$

$i = 3, c = 4(1) \quad x = 3$   
 $ans = 12 * 10 + 3$   
 $= 123$

$i = 4, c = 4(1) \quad x = 6$   
 $\rightarrow ans = 123 * 10 + 6$   
 $= 1230 + 6 = 1236$

# Print the final number xyzw...

Problem

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Sample Input 0

4  
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Sample Output 0

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int ans = 0;

$ans = ans * 10 + x;$   
 $ans * 10 + x;$

$n = 734 \rightarrow 4 \times 10$

$4 \times 10 + 3$

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$n = 4$   
 $for (int i = 1; i <= n; i++)$   
 $\{$   
 $\quad int x = scan\_next\_int();$   
 $\quad ans = ans * 10 + x;$   
 $\}$

$i = 1 \rightarrow 4(1) \quad x = 1$   
 $ans = 0 * 10 + 1$   
 $= 0 + 1$   
 $= 1$

$i = 2 \rightarrow 4(1) \quad x = 2$   
 $ans = 1 * 10 + 2$   
 $= 12$

$i = 3 \rightarrow 4(1) \quad x = 3$   
 $ans = 12 * 10 + 3$   
 $= 123$

$i = 4 \rightarrow 4(1) \quad x = 6$   
 $\rightarrow ans = 123 * 10 + 6$   
 $= 1230 + 6 = 1236$



Take a number n greater than or equal to zero as an integer input.  
Then you will be given n digits as integer inputs and you have to form a number from it. Print the number formed.

Then you have to reverse the digits of this number. And then print the final reversed number in the next line.

Sample Input 0

```
3
2
5
6
```

Sample Output 0

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256
652
```

