Problem

Submissions Leaderboard Discussions

= 3

=)



$$\int_{-\infty}^{\infty} x \times 10 + y = 0$$

## Print the final number xyzw...

Problem Submissions Leaderboard Discussions

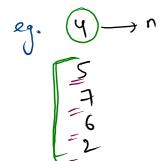
Take **n** as an integer input. Then take **n** digits as integer inputs and form a number from it and print that number as an integer output.

#### Input Format

For each test case, **n** will be given as an integer input in the first line,

then  ${\bf n}$  digits will be given as integer inputs in each line.

#### Constraints



$$\frac{1}{n+1} \rightarrow \frac{5762}{n}$$

$$\frac{1}{n+1} \Rightarrow \frac{5762}{n}$$

$$\frac{1}{n+1} \Rightarrow \frac{5762}{n}$$

$$\frac{1}{n+1} \Rightarrow \frac{1}{n+1} \Rightarrow \frac{1}{n+1}$$

digits

w \* 10) + x

ans = ang \* 10 + 2 ans = ang \* 10 + 2 ans = ang \* 10 + 2

X=

by yourself

$$- \frac{1}{2}$$

$$m = 35 \times 10 + 7 = 357$$

-> (18t tomonorus)

ans= 357

# Reverse n-digit number

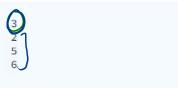
Problem Submissions Leaderboard Discussions

Take a number **n** greater than or equal to **zero** as an integer input.

Then you will be given  $\mathbf{n}$  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.

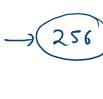
### Sample Input 0



### Sample Output 0

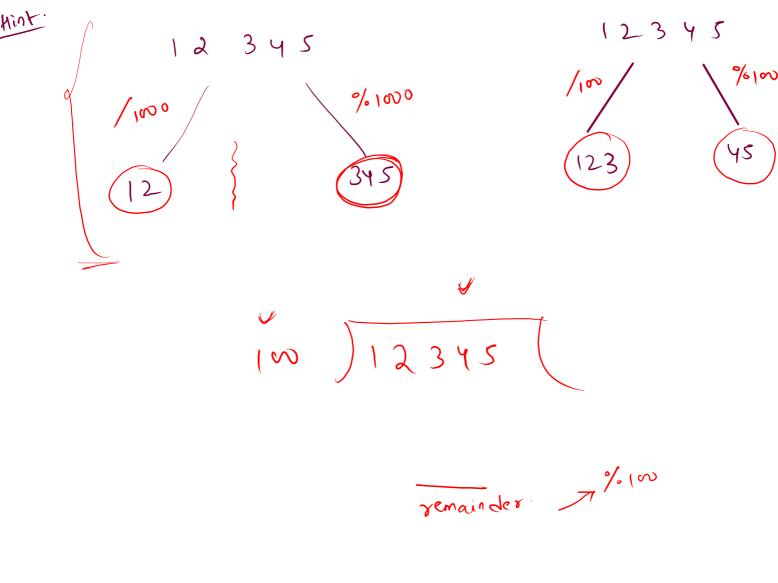


3 2 5



Reverse.

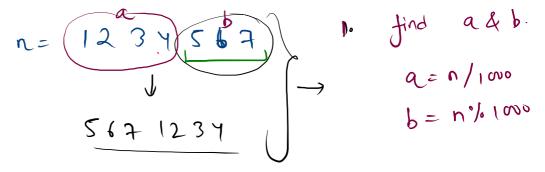
$$n = (5769)2 \longrightarrow 29675$$
 $n = n / 10$ 
 $n = n / 10$ 
 $n = n / 10$ 



# Rotate 7 Digit by 3.

Take <u>n</u> as an integer input, you have to pick the last 3 digits of the number of and put them in the starting.

eg. 1234567 is given, then this number should transform to 5671234.



$$b = \frac{2}{3} = \frac{3}{4} = \frac{3}{5} =$$

final.

$$b = \frac{n}{1000} = 671$$
 $a = \frac{n}{1000} = 2345$ 

b \* 10000 + a

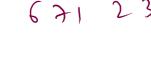
6710000

6712345

2345

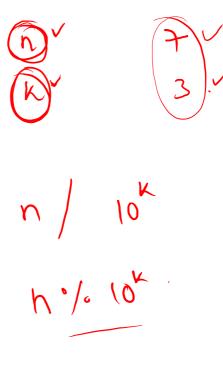
671	234

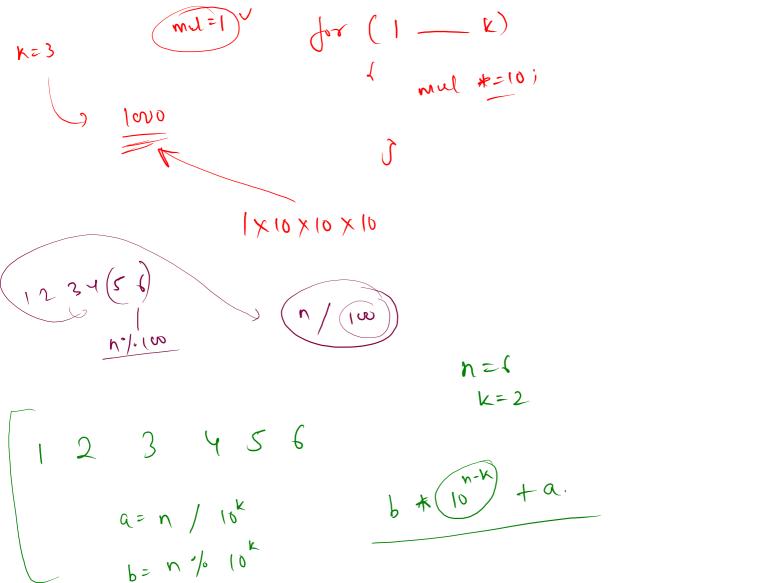
671	234



 $\frac{12348}{12(348)/190-1234}$ 

```
1 vimport java.io.*;
   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 t = scn.nextInt();
9
10
            for(int i = 0; i < t; i++){
11
                int n = scn.nextInt();
12
                int a = n / 1000;
13
                int b = n \% 1000;
14
                int ans = b * 10000 + a;
15
                System.out.println(ans);
16
17
18
19
               while(t > 0){
20
21
22
23
24
25
26 }
```





$$1000 \qquad \qquad 1 \times (10 \times 10 \times 10)$$

$$1 \times (10 \times 1$$

Armstrong Number

$$1^{3} + 5^{3} +$$
 $ans = 1 + 125 + 27 =$ 

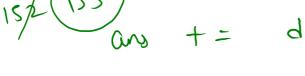
$$1^{3} + 1^{3} + 1^{3}$$
 $= (3) + 1$ 

$$n = 15$$

$$ans = 0$$
 2# 15/2 (153)  $ans + = d*d*d$ 

$$s/2$$
 (153) and  $+=$ 

$$15/2$$
 (153) and  $+=$  d



$$/$$
  $\sim$   $\sim$   $\sim$   $\sim$   $\sim$   $\sim$   $\sim$   $\sim$ 





n'/ 10

```
n = 15/3. 1/5 1/0 0 = 0. 1/2 1/2 1/3
6
      public static boolean checkArmstrong(int n){
                                                                                            original N=
7
          int originalN = n;
          int ans = 0;
          while (n > 0)
             int d = n \% 10;
11
             ans += (d*d*d);
12
13
              n = n/10;
14
15
          if(ans == originalN){
16
              return true;
                                       2 ons = (d*d*d))
17
18
          else{
19
              return false;
20
21
22
      }
23
24
      public static void main(String[] args) {
25
          Scanner scn = new Scanner(System.in);
26
          int t = scn.nextInt();
27
28
          while(t > 0){
29
             int n = scn.nextInt();
30
             boolean ans = checkArmstrong(n);
              System.out.println(ans);
31
32
33
34
35
36 }
```

$$an = 6 2 \neq 3 \leq 31$$

$$d = n \neq 0 = 2$$

$$d = n \neq 0 = 1$$

$$d = n \neq$$

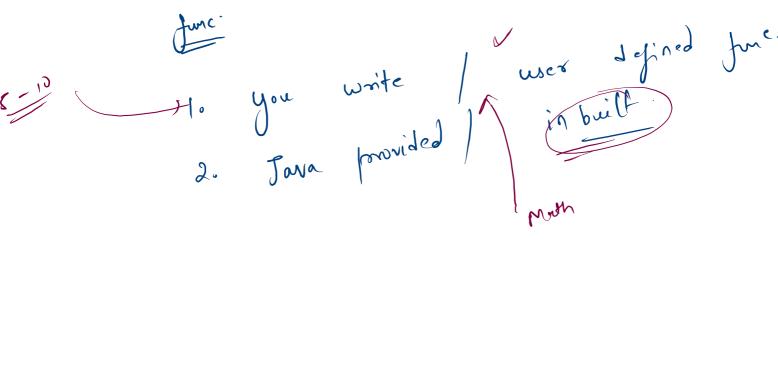
h=123

n = n/10

d = n%10 = 3

9 \* 9 \* 9

 $n = \frac{1 - 23}{\text{original N} = n}$  \frac{123}{



$$gcd \cdot / hcf$$

$$12 = 1, 2, 3, 4, 6, (12)$$

$$36 = 1, 2, 3, 4, 6, 9, 12, 18, 36$$

ged or hef (12,36) = 12

$$a = 35 = 1(5) + 35$$

$$a = 1 +$$

$$\left(\begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \end{array}\right)$$

351.5 = = 0

ged =S

a = 35

5 7 35

```
4 ▼public class Solution {
                                                              a=12
                                                                                   min = 12
6 1
       public static void main(String[] args) {
                                                               h = 36
           Scanner scn = new Scanner(System.in);
8
           int t = scn.nextInt();
9
                                                             ged=XX2.
10
           for(int i = 1; i <= t; i++){
11
12
               int a = scn.nextInt();
13
              _int b = scn.nextInt();
14
15
               int min = Math.min(a,b);
16
               int gcd = 1;
               for(int f = 1; f <= min; f++ ){
17
                \ if(a % f == 0 && b % f == 0)
18
19
                       gcd = f;
                                                                                          36%. 2 = = 0
20
21
22
               System.out.println(gcd);
23
24
25
       }
26
```