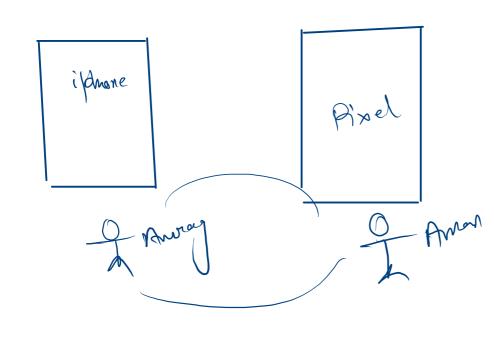
Swap.



a = 100 20 b = 20 10

Swep.  $\chi = 10$   $\chi = 10$ 

$$\begin{array}{c}
\chi = 10 \\
20
\end{array}$$

$$\begin{array}{c}
\chi = 20 \\
10
\end{array}$$

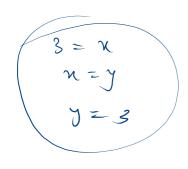
$$\begin{array}{c}
\zeta = 20 \\
10
\end{array}$$

$$\begin{array}{c}
\zeta = 10 \\
0
\end{array}$$

$$\begin{array}{c}
\chi = 4 \\
0
\end{array}$$

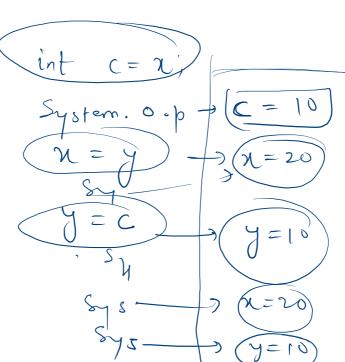
#### Sample Output 0

## C = 10



$$\chi = 10 20$$

$$\chi = 20$$



```
vimport java.io.*;
    import java.util.*;
 4 public class Solution {
        public static void main(String[] args) {
            Scanner scn = new Scanner(System.in);
            int x = scn.nextInt();
            int y = scn.nextInt();
10
11
            int c = x;
12
           x = y;
13
            y = c;
            System.out.println("c = " + c);
14
            System.out.println("x = " + x);
15
            System.out.println("y = " + y);
16
            System.out.println("x = " + x);
17
            System.out.println("y = " + y);
18
19
20
21 }
```

2 
$$x = x + y + z$$
  
2  $x = x + y + z$   
3  $z = x - y - z$   
3  $z = x - y - z$   
4  $z = x - y - z$   
5  $z = x - y - z$   
6  $z = x - y - z$   
7  $z = x - y - z$   
8  $z = x - y - z$   
9  $z = x - y - z$   
10  $z = x - y - z$   
11  $z = x - y - z$   
12  $z = x - y - z$   
13  $z = x - y - z$ 

numbers.

```
1 import java.io.*;
 2 import java.util.*;
4 public class Solution {
       public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
          int x = scn.nextInt();
           int y = scn.nextInt();
10
           int z = scn.nextInt();
11
12
           x = x + y + z;
13
           y = x - y - z;
14
           z = x - y - z;
15
           x = x - y - z;
16
17
           System.out.println(x);
18
           System.out.println(y);
19
           System.out.println(z);
```

20 21

22 23 }

$$\lambda = 16 \quad 66.30$$

$$J = 20 \quad 10$$

$$Z = 38 \quad 20$$

$$\lambda = 10 \quad -30$$

$$Z = 60 \quad -10 \quad -30$$

n = 60 - 10 - 20

$$M = x$$

$$\chi = 10$$

$$\chi = 20$$

$$\chi = 30$$

$$\chi = 2$$

$$\chi = 30$$

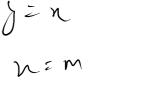
$$\chi = 2$$

$$\chi = 30$$

$$\chi = 10$$

$$\chi = 30$$

$$\chi =$$



M = 2

$$\begin{array}{ccc}
\chi & & & \times \\
\chi & & & & \times \\
\chi & & & & & \times \\
\chi & & & & & & & \\
\chi & & & & \\
\chi & & & & \\
\chi & & & &$$

MIZ

 $W = \mathcal{X}$ 

n = y

J=2 2=M 20

10

30

0)

20

10

30

20

## Print digit by digit of a three digit number

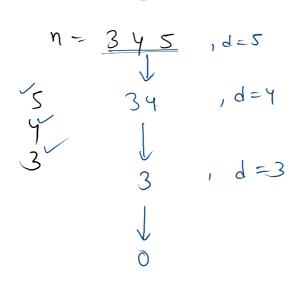
Sample Input 0

345

Sample Output 0

5 4 3

.



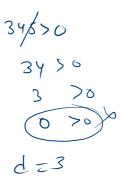
h >0

```
1 *import java.io.*;
 2 import java.util.*;
 3
 4 *public class Solution {
        public static void printDigits(int n){
           while(n > 0){
 6 *
 7
                int d = n \% 10;
                System.out.println(d);
 8
 9
                n = n / 10;
12
13
14 *
        public static void main(String[] args) {
            Scanner scn = new Scanner(System.in);
15
           int n = scn.nextInt();
16
           printDigits(n);
17
18
19 }
```

```
1 vimport java.io.*;
2 import java.util.*;
3
4 *public class Solution {
        public static int getLastDigit(int n){
 6 +
            return n % 10;
 8
9
        public static void printDigits(int n){
10 +
11 +
            while (n > 0) {
                int d = getLastDigit(n);
12
13
                System.out.println(d);
                n = n / 10;
14
15
        }
16
17
18
19 •
        public static void main(String[] args) {
            Scanner scn = new Scanner(System.in);
20
            int n = scn.nextInt();
22
            printDigits(n);
       }
23
24 }
```

### n= 345

```
1 vimport java.io.*;
 2 import java.util.*;
4 →public class Solution {
6
       public static int getLastDigit(int n){
            return n % 10;
 8
 9
10 •
       public static void printDigits(int n){
           while(n > 0){
11 +
                int d = getLastDigit(n);
12
                System.out.println(d);
13
                n = n / 10;
14
15
16
17
18
19 •
       public static void main(String[] args) {
20
            Scanner scn = new Scanner(System.in);
           int n = scn.nextInt();
21
22
            printDigits(n);
23
24 }
```





## Reverse a 3 digit number

#### Sample Input 0

123



GRe verse  $\gamma$ x = \$ y y y 432 d = n % 10 d = 4 d = n/10 d = 3 x= x \* 10+d d =n1/10 d =2 J432. 43×10

1 \*import java.io.\*; import java.util.\*;

 $int_x = 0;$ 

return x;

while(n > 0){

int d = n % 10;

int t = scn.nextInt();-

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

int n = scn.nextInt();

System.out.println(ans);

int ans = reverse(n);

public static void main(String[] args) {

Scanner scn = new Scanner(System.in);

x = x\*10 + d;

n = n / 10;

3

8

9 •

10

11

12

13 14

15 16

17 -

18

19

20

21

22

23

24 25

26 }

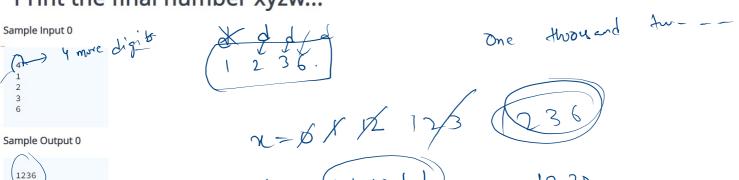
}

78

70

n=n/10

## Print the final number xyzw...



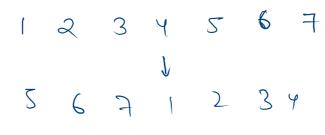
120+3

```
1 vimport java.io.∗;
2 import java.util.*;
4 →public class Solution {
6
       public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
           int t = scn.nextInt();
 8
           int x = 0;
10 •
           for(int i = 1; i <= t; i++){
               int d = scn.nextInt();
11
               x = x*10 + d;
12
13
           System.out.println(x);
14
15
16 }
```

# Rotate 7-digit number to right by three



#### Sample Output 0



```
234567
```

```
a = n/1000
```

```
as = b \times 10000 + a
```

```
1 vimport java.io.*;
   import java.util.*;
4 *public class Solution {
        public static int rotateBy3(int n){
            int a = n / 1000;
            int b = n \% 1000;
            int ans = b * 10000 + a;
10
            return ans;
11
        public static void main(String[] args) {
12 ▼
13 ▼
            /* Enter your code here. Read input from
14
15 }
```