

# AND product

You will be given two integers  $A$  and  $B$ . You are required to compute the bitwise AND amongst all natural numbers lying between  $A$  and  $B$ , both inclusive.

## Input Format

First line of the input contains  $T$ , the number of testcases to follow.  
Each testcase in a newline contains  $A$  and  $B$  separated by a single space.

## Constraints

$1 \leq T \leq 200$   
 $0 \leq A \leq B < 2^{32}$

## Output Format

Output one line per test case with the required bitwise AND.

## Sample Input

```
3
12 15
2 3
8 13
```

## Sample Output

```
12
2
8
```

## Explanation

For the first testcase,

```
12 & 13 & 14 & 15 = 12
```

For second testcase,

```
2 & 3 = 2
```

For the third testcase,

```
8 & 9 & 10 & 11 & 12 & 13 = 8
```