

#12 - HCF

Created by : PCLP

The highest common factor (HCF) of two positive integers a and b is the largest integer that divides each of a and b exactly. For example, the HCF of 45 and 30 is 15.

INPUT FORMAT:

- Line 1: Number of test cases (N) ($1 \leq N \leq 100$)
- Line 2 to N+1 : a and b which is searched HCF

SAMPLE INPUT:

```
10
771 840
426 451
297 155
137 521
49 333
734 905
487 540
905 731
329 547
74 661
```

OUTPUT FORMAT:

Each line is the answer of HCF from a and b

SAMPLE OUTPUT:

```
3
1
1
1
1
1
1
1
1
1
1
```

Problem Requirement

Runtime Limit : 1 seconds

Memory Limit : 16384 bytes