

# Pen Pine Apple - Apple Pen

## Problem Statement :

Kosaka wants to sing **PPAP**.

Given the number of Pens, Pine-apples and Apples available, find the number of times he can sing "Pen Pine-apple; Apple Pen. Once he uses a Pen or a Pine-apple or an Apple, he throws it away.

## Input :

The first line consists of an integer  $t$ , the number of test cases. Each test case is a single line with three integers  $n$ ,  $p$  and  $a$  denoting the number of pens, pine apples and apples respectively.

## Output:

For each test case, print the number of times Kosaka can sing "Pen Pine Apple - Apple Pen"

## Input Constraints :

$$1 \leq t \leq 1000$$

$$1 \leq n \leq 10000$$

$$1 \leq p \leq 10000$$

$$1 \leq a \leq 10000$$

## Time limit:

1 second

## Example :

### Sample Input :

3

2 1 1

1000 1 1

5 3 7

### Sample Output :

1

1

2