Problem Link:

<https://codeforces.com/problemset/problem/1968/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** x;
* cin >> x;
* **int** y = 1;
* **int** m = \_\_gcd(x, 1) + 1;
* **for**(**int** i = 2; i < x; ++i)
* {
* **int** g = \_\_gcd(x, i);
* **int** v = g + i;
* **if**(v > m)
* {
* m = v;
* y = i;
* }
* }
* cout << y << **"\n"**;
* }
* **return** 0;
* }