Problem Link:

<https://codeforces.com/problemset/problem/1549/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** p;
* cin >> p;
* cout << 2 << **" "** << p - 1 << **"\n"**;
* }
* **return** 0;
* }