Problem Link:

<https://codeforces.com/problemset/problem/1352/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while** (t--) {
* **int** n;
* cin >> n;
* **vector<int>** round\_numbers;
* **int** place = 1;
* **while** (n > 0) {
* **int** digit = n % 10;
* **if** (digit != 0) {
* round\_numbers.push\_back(digit \* place);
* }
* n /= 10;
* place \*= 10;
* }
* cout << round\_numbers.size() << **" "**;
* **for** (**int** num : round\_numbers) {
* cout << num << **" "**;
* }
* cout << endl;
* }
* **return** 0;
* }