Problem Link:

<https://codeforces.com/problemset/problem/1462/C>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** x;
* cin >> x;
* **if**(x > 45)
* {
* cout << -1 << **"\n"**;
* **continue**;
* }
* **vector<int>** v;
* **for**(**int** d = 9; d >= 1; --d)
* {
* **if**(x >= d)
* {
* v.push\_back(d);
* x -= d;
* }
* }
* sort(v.begin(), v.end());
* **for**(**int** d : v)
* {
* cout << d;
* }
* cout << **"\n"**;
* }
* **return** 0;
* }