**Specifikáljuk le, írjunk algoritmust:**

1) [https://www.codechef.com/problems/CCOOK](https://w4ww.codechef.com/problems/CCOOK)

2) https://codeforces.com/problemset/problem/1186/A

3) Kérjünk be egy számsorozatot és írjuk ki visszafele

* Mo1: szöveggel
* Mo2: számként (https://www.sanfoundry.com/csharp-program-generate-number-reverse/)

Sepcifikáció szöveghez mo.:

Be: n∈S

Ki: no∈S

Ef: hossz(n)>1

Uf: ∀i∈[1..hossz(n)]: (no[i]=n[hossz(n)-i])

4) <https://codeforces.com/problemset/problem/71/A>

5) <https://codeforces.com/problemset/problem/1692/A>

6)

A mathematician named Ulam proposed generating a sequence of numbers from any positive integer n (n > 0) as follows:

* If n is 1, stop.
* If n is even, the next number is n/2.
* If n is odd, the next number is 3\*n + 1.
* Continue with this process until reaching 1.

Here are some examples for the first few integers.

2 -> 1  
 3 -> 10 -> 5 -> 16 -> 8 -> 4 -> 2 -> 1  
 4 -> 2 -> 1  
 5 -> 16 -> 8 -> 4 -> 2 -> 1  
 6 -> 3 -> etc as for 3 above.  
 7 -> 22 -> 11 -> 34 -> 17 -> 52 -> 26 -> 13 -> 40 -> 20 -> 10 -> 5 -> see 5 above.

**Write a program that reads a number and prints the Ulam sequence for it.**

**Érdekes gyakoló sor:**

https://www.codechef.com/practice/c-sharp