Computer Serence
What is a computer? Uhat is science?
- A wachine that does much - System of ngury + investigation
- Input - Output - Specific field of study
- Computes - Study of nature + dynamics of
- Comportes  - Study of Northir + dynamize of
- Code + electric signals
Why Study CS?
- Many applications - make noney, contribute to homen flourthy,
- Beautiful ideas, learn new ways of thinky.
- Being an engaged cikzen
Start with a number n.
Repeat until n = 1:
If n is even, divide it by 2.
Otherwise, multiply it by 3 and then add 1.
Butput the number of repetitions needed to reach 1.
$13 \rightarrow 40$
Tura da
$n=6, \longrightarrow 3 \longrightarrow 10 \longrightarrow 5 \longrightarrow 16 \longrightarrow 8 \longrightarrow 4 \longrightarrow 2 \longrightarrow 1$
(8 rcps.)
SU: 24
17 = 12
13:9
14 : 18
239 : ?
9 : 19