Computer Science Co What 13 a computer? Input -> output (eg. sextant) device that can run program(s)
machine that takes information -> result. Device that changed history! Is Study of computation - transforming information. Start with a number n. Repeat the following as long as n > 1:

o If n is even, divide it by 2. · Otherwise, multiply it by 3 and add 1. 11 -> 34 -> 17 -> 52 -> 26 -> 13 -> 40 14244-8-16-5-10e-20