12237 . Proposed by Donald E.	<i>Knuth, Stanford University, Stanford, CA.</i> Let $x_0 = 1$ and
$x_{n+1} = x_n + \lfloor x_n^{3/10} \rfloor$ for $n \ge 0$.	What are the first 40 decimal digits of x_n when $n = 10^{100}$?