Problem 1: Get to 2022?

Welcome to 2022! Let's see if it is possible to obtain it in a certain arithmetical way.
Let $D(n)$ be the sum of the digits of the positive integer n.

1. Does there exist a positive integer n such that $n + D(n) = 2022$?

2. Prove that for any two consecutive positive integers, at least one of them can be expressed in the form $n + D(n)$.

As always, show your work, fully explain and justify your answer. A solution mainly obtained by computers or calculators will not be accepted.