Example 1 Intro to Uni Math Sheet 1: Upper bounded sum and the lower bounded product

Let $x_1 + x_2 + \ldots + x_n \leq \frac{1}{3}$. Show that $(1 - x_1)(1 - x_2)\ldots(1 - x_n) \geq \frac{2}{3}$

Doubt

What is the trick here?