EJERCICIO HIBE2470:

Halla la derivada de $g(x)$:

$$g(x) = e^{-x} - \ln(2x-1) + \frac{2}{x}$$

$$e^u \rightarrow u' \cdot e^u$$

$$\ln u \rightarrow \frac{u'}{u}$$

$$\frac{u}{v} \rightarrow \frac{u' \cdot v - v' \cdot u}{v^2}$$

$$g'(x) = -1 \cdot e^{-x} - \frac{2}{2x-1} + \frac{0 \cdot x - 1 \cdot 2}{x^2}$$

$$g'(x) = \frac{-1}{e^x} - \frac{2}{2x-1} - \frac{2}{x^2}$$