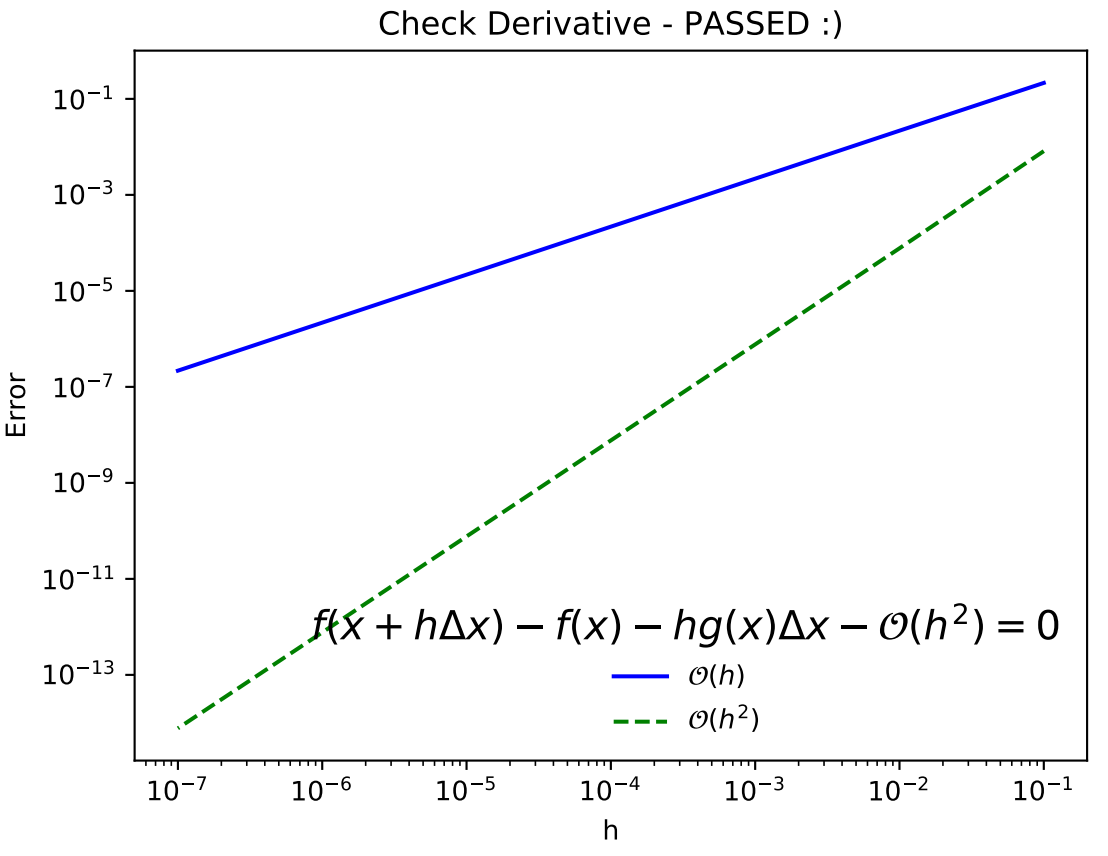
Check Derivative - PASSED :)
Error
h
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
$f(x + h\Delta x) - f(x) - hg(x)\Delta x - \mathcal{O}(h^2) = 0$
$\mathcal{O}(h)$
$\mathcal{O}(h^2)$