**Pre-lab 6**

1. Use the two difference formulas above to approximate the derivative with

*h = 0.01 ∗ 2. ∗ ∗(−numpy.arange(0, 10)).*

This halves the value of h each time.

1. Determine the order of each of the approximation techniques.

A blue and white number with text

Description automatically generated with medium confidence

Github link: <https://github.com/pach2648/APPM4600/blob/main/Labs/Lab%206/Pre%20lab%206/preLab_6.py>