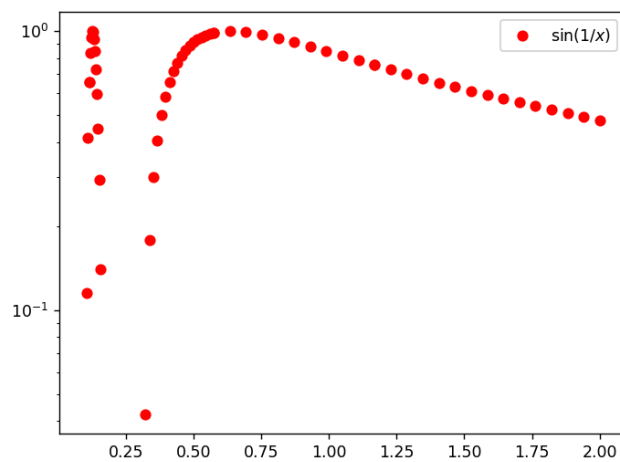
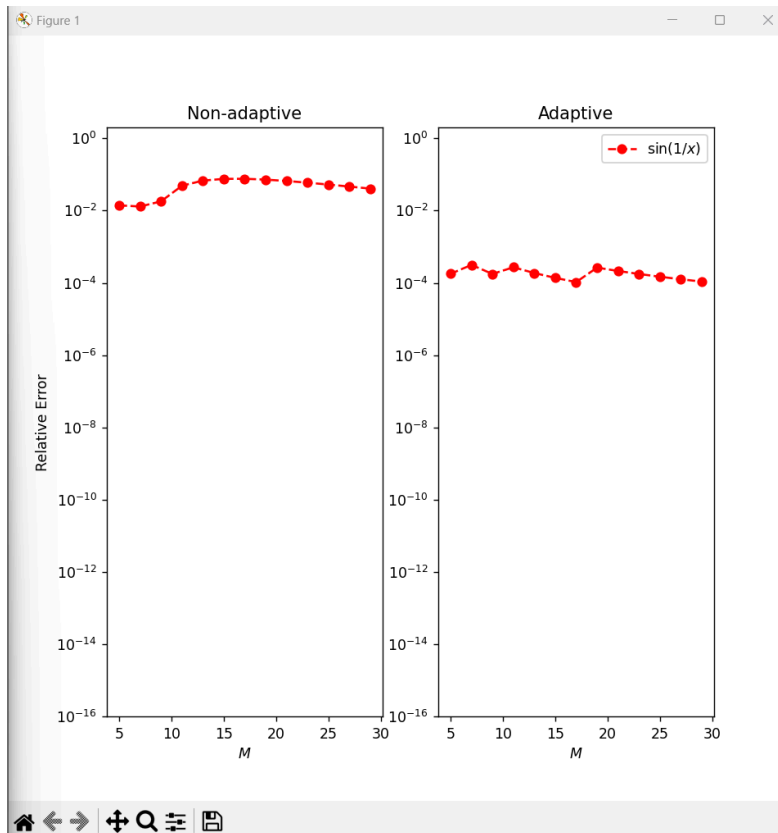


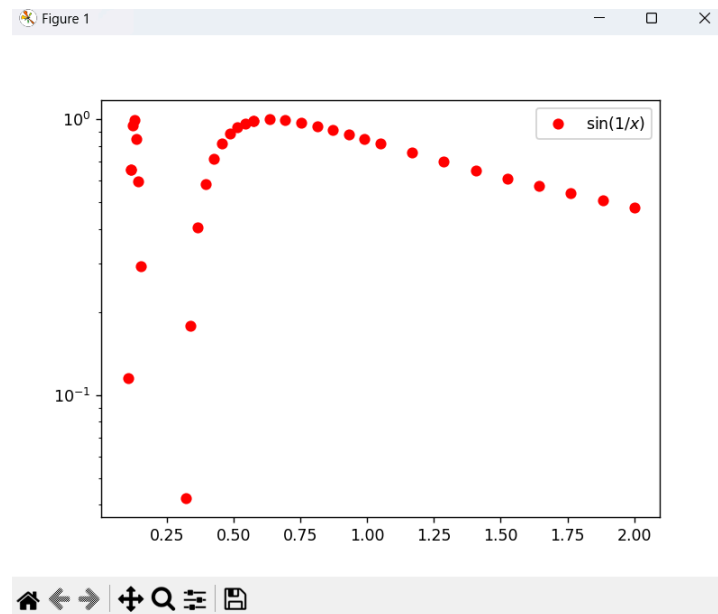
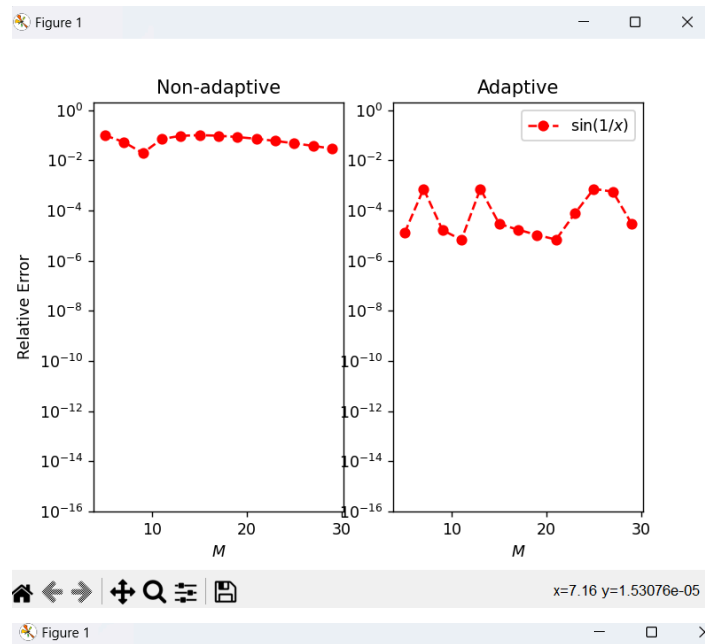
Blake Hamilton
Jaden Snell

1. Gaussian Legendre, composite trapezoidal, and composite Simpsons were all used.
- 2.

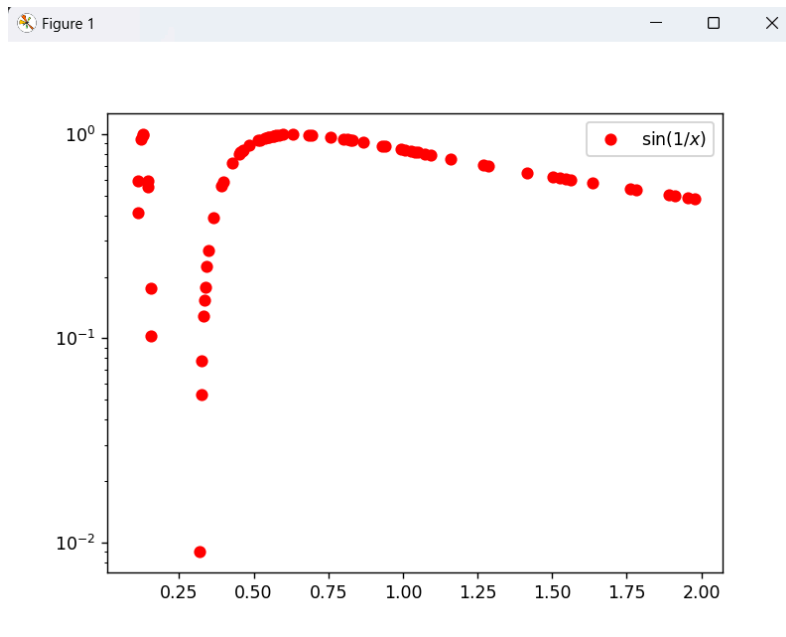
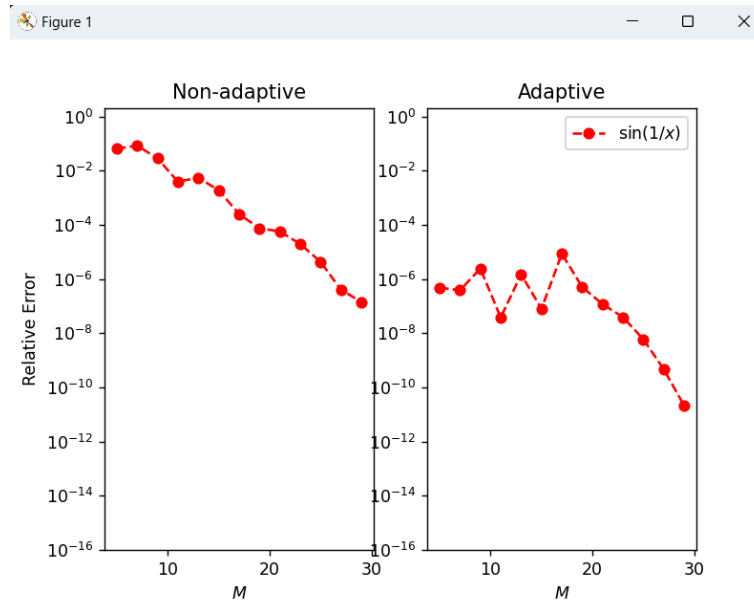
a. Trapezoidal



b. Simpsons



c. Gaussian



Every adaptive method was within the desired accuracy right away. Trapezoidal and Simpsons non-adaptive methods never reached within 10^{-3} accuracy, and it took ~ 15 intervals to get the desired accuracy with non-adaptive Gaussian. Adaptive Gaussian was the best adaptive scheme.