1. (a) Log-log plots were made for tanh(x)=(F1) using various integration schemes from 0 to 1



Fig.1- Simpson's Rule



Fig.2- Mid-Point Rule



Fig.3- Trapezoidal Rule

(b) Log-log plots were made for sqrt(coth(x))=(F2) using various integration schemes from 0 to 1

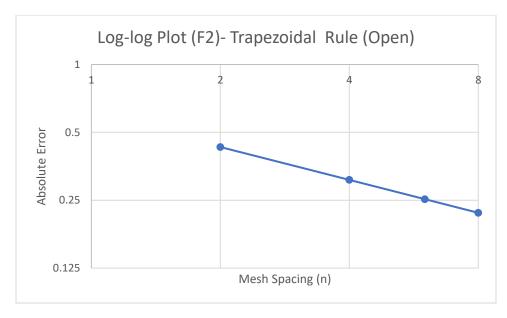
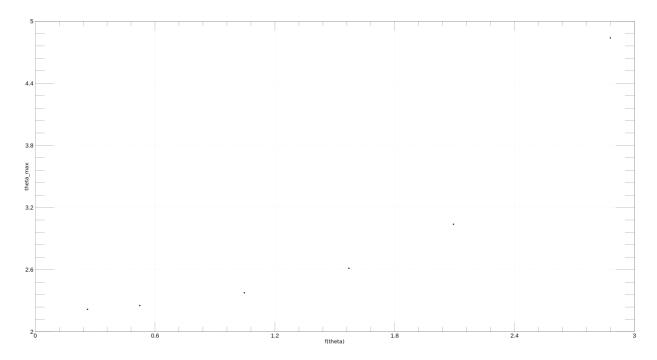


Fig.4- Trapezoidal Rule (Open)



Fig.5- Mid-Point Rule

2. Plots for Q2 for different values of theta max is given as:



6. The minimum points needed for solution were 6. There was still a linking error with the Gauss libraries. Code has been loaded to github.		