ME EN 2450
Ryan Dalby u0848407
HW1b

Exercise 4:
It appears that formula 2 is a better approximation than formula 1 because both the true relative error and the approximate relative error is smaller than formula 1's errors when we go out to 20 summation terms. It can also be noted that formula 2 avoids alternating around the solution like formula 1 does which gives more difficult to interpret results before getting close to the solution.