## # Romberg Integration

## What this file does:

\*This function uses the Romberg method of integration to determine the area under a function

###Inputs:

\*Function

\*a and b vales (lower and upper integration limits)

\*Optional: error stopping criterion, maximum number of iterations ####Outputs:

\*q: area under the curve

\*ea: approximate relative error

\*iter: number of iterations