Referneces:

Romberg Integration: <https://www.youtube.com/watch?v=HtkylnbJklE>

<https://numericalmethodsece101.weebly.com/romberg-integration.htmlhttps://www.youtube.com/watch?v=-svoxjvFmKM>

The notation ℎ represents the step size, and *R*(*i*,*j*) represents the Romberg integration approximation at step *i* with accuracy ℎ(2*j*