F74056069\_quiz4 崔濟鵬

Prob1:

The optimal choice of h of Riemman Sum = 10^(-9)

The optimal choice of h of Trapezoid method 10^(-4)

Prob2:

The optimal choice of h of Trapezoid method 10^(-4)

The optimal choice of h of Simpson’s Method 10^(-4)

Prob3:

The answer calculate by pi(ab) is 25.1327

So we need to take at least 10^9 points

P.S. All of this execute takes lots of time