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        To deal with this assignment, at first, I tried to understand the practice in the iLearn. Then, put all the stuffs needed into the .h file, like SEGMENT, definition of queue, and initial\_queue function etc.

        Next, I

        To compute the area, I used the while loop with the condition that the difference between area and last must be greater than 1e-6, which is epsilon equivalently. Then, compute the variable first, and then the area using the Riemann sum. If the area is calculated well and fits the condition of the loop, calculate the variables R1, R2, and R3.

        Eventually, while all the calculating is done, print the variables R1, R2, and R3 as required.