

Sample Assessment:

- 1) Write a single core C program for calculating the area under a curve (x^2) using one of these rules: the right boundary, the midpoint, and the trapezoidal rule. (Note: The single core example C program in this module used the left boundary rule.)
- 2) Implement the shared memory concepts in OpenMP to parallelize the single core C program for calculating the area under a curve (x^2) with one of the rules on #1).