

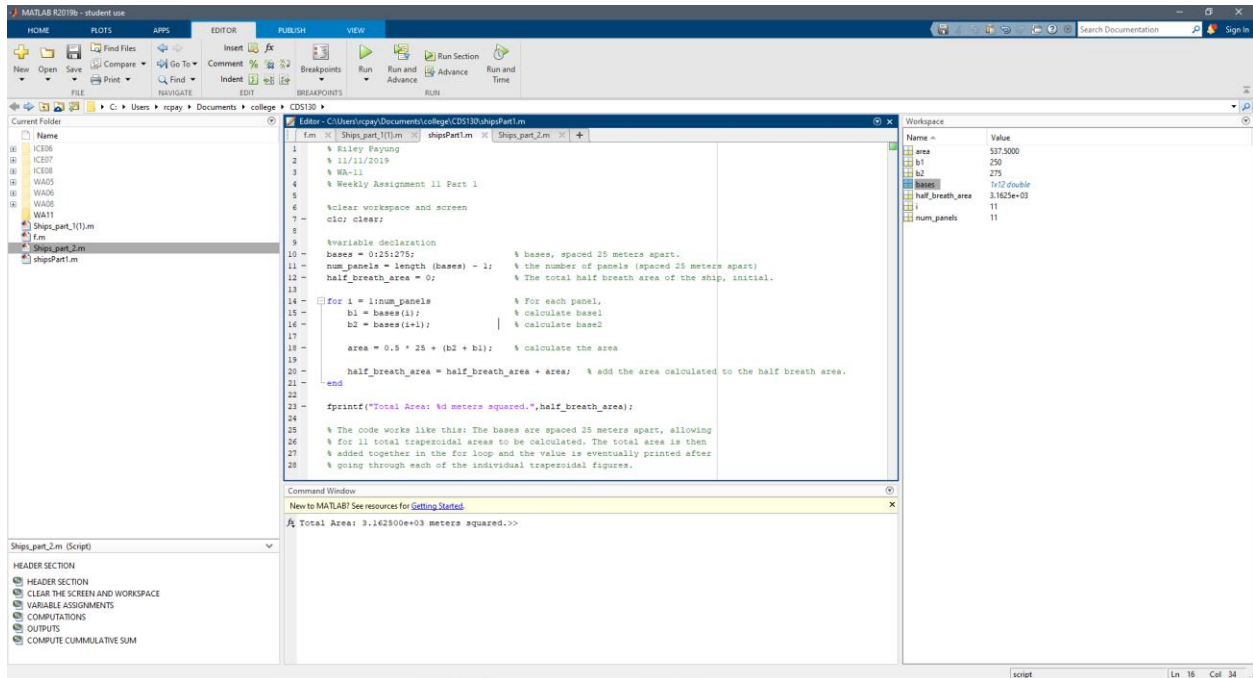
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CDS 130

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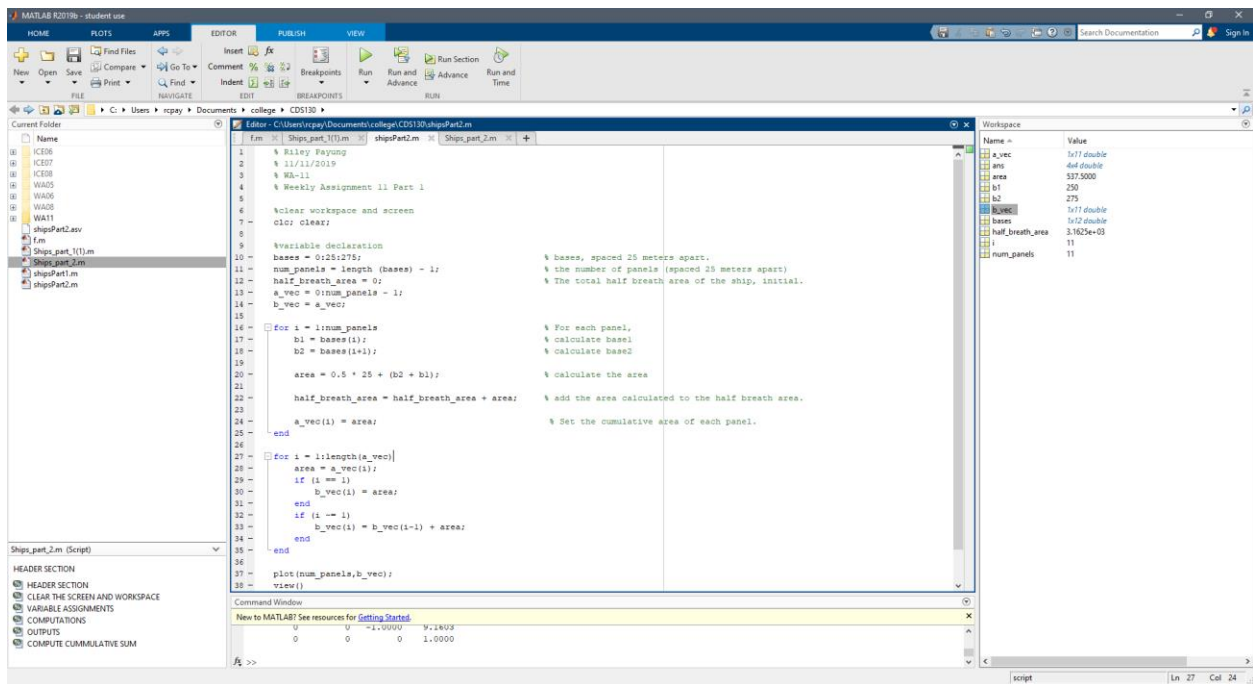
WA 11

Part 1



The code works like this: The bases are spaced 25 meters apart, allowing for 11 total trapezoidal areas to be calculated. The total area is then added together in the for loop and the value is eventually printed after going through each of the individual trapezoidal figures.

Part 2



The value of plotting the cumulative sum graph is to see how the area of the required material increases as we increase in the number of panels.