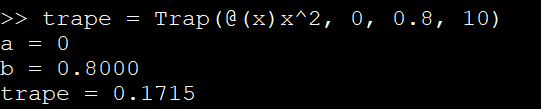
The used formulas for each method:

Composite Trapezoidal rule:

Multiple Simpson rule:

Midpoint Integral rule:

Trapezoidal Rule test:



At

Simpson’s Rule test:

Text

Description automatically generated

At

Midpoint Rule test:

Text

Description automatically generated

At

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