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**Assignment 2 - Solution**

**[Please insert your name]**

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**Exercise 1: Lagrange Interpolation and Newton's Divided-Differences**

- (a)
- (b)
- (c)
- (d)
- (e)

**Exercise 2: Implementation of Interpolation**

- (a)
- (b)
- (c)

**Exercise 3: Composite Trapezoidal Rule and Composite Simpson's Rule**

- (a)
- (b)

#### Exercise 4: Implementation of Numerical Quadrature

(a)

(b)

(c)