Numerical Differentiation and Integration

- 1. WAP to find Numerical Differentiation with Newton Forward Differences (with error).
- 2. WAP to find Numerical Differentiation with Newton Backward Differences (with error).
- 3. WAP to find Numerical Differentiation with Central Differences (with error).
- 4. WAP to find Maxima & Minima Tabulated Functions.
- 5. WAP to find Numerical Integration with Newton-Cotes Quadrature Formula (with error).
- 6. WAP to find Numerical Integration with Trapezoidal Rule (with error).
- 7. WAP to find Numerical Integration with Simpson's 1/3 Rule (with error).
- 8. WAP to find Numerical Integration with Simpson's 3/8 Rule (with error).
- 9. WAP to find Numerical Integration with Boole's Rule (with error).
- 10. WAP to find Numerical Integration with Weddle's Rule (with error).
- 11. WAP to find Numerical Integration with Romberg Method (with error).
- 12. WAP to find Numerical Integration with Gauss Integration for n = 2 (with error).
- 13. WAP to find Numerical Integration with Gauss Integration for n = 3 (with error).