Lab Assignment #2

1. WAP to implement Lagrange's interpolation.
2. Write a program to implement Newton's divided difference interpolation.
3. WAP to implement Newton's forward difference formula.
4. WAP to implement Newton's backward difference formula.
5. WAP to implement least square approximation.
    a. Linear least square method.
    b. Polynomial regression.
    c. Exponential regression.
6. WAP to implement maxima and minima of tabulated function.

Lab Assignment #2

7. WAP to implement Lagrange's interpolation.
8. Write a program to implement Newton's divided difference interpolation.
9. WAP to implement Newton's forward difference formula.
10. WAP to implement Newton's backward difference formula.
11. WAP to implement least square approximation.
    d. Linear least square method.
    e. Polynomial regression.
    f. Exponential regression.
12. WAP to implement maxima and minima of tabulated function.

Lab Assignment #2

13. WAP to implement Lagrange's interpolation.

14. Write a program to implement Newton’s divided difference interpolation.
15. WAP to implement Newton’s forward difference formula.
16. WAP to implement Newton’s backward difference formula.
17. WAP to implement least square approximation.
    g. Linear least square method.
    h. Polynomial regression.
    i. Exponential regression.
18. WAP to implement maxima and minima of tabulated function.