Daily Evaluation Question

- **Task 1**

Suppose, you have three nodes (−1.5, 3.75), (0.5, 1.22), (1.67, 2.9). Using Newton's Divided Difference method, print out the value of the interpolating polynomial at x = 0.25.

Plot the interpolating polynomial from -2 to 2 using 50 points and show that the three nodes and (0.25, p(0.25)) intersect with the interpolating polynomial.

You have to solve the problem using Newtons_Divided_Differences class.

[4 Marks]