

## Daily Evaluation Question

- **Task 1**

Create a Lagrange Polynomial using the Lagrange\_Polynomial Class for the data points below:

X	F(X)
-4	-207
4	65
12	2769

What will be the value for the lagrange polynomial for x=5

If the function was:

$$f(x) = 2x^3 - 5x^2 + 2x + 9$$

Then what was the interpolation error?

**[2 + 2 Marks]**