**Submitted By:**

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**Section:** B1

**Course Code:** CSE - 314

**Course Name:** Numerical Methods Lab

**Lab Date:** 04-September, 2021

**Lab Task**: 01

**Equations:**

1. 3x^2-x+4
2. 4x^2-5x+5
3. 5x^2-4x+1
4. 3x^2+4

A = [4 6 14 28 48 74];

B = [5 4 11 26 49 80];

C = [1 2 13 34 65 106];

D = [4 7 16 31 52 79];

**Code:**

x = [0 1 2 3 4 5];

A = 3\*x.^2 - x + 4;

B = 4\*x.^2 - 5\*x + 5;

C = 5\*x.^2 - 4\*x + 1;

D = 3\*x.^2 + 4;

matrix = [A;B;C;D]

plot(x,A,x,B,x,C,x,D);

matrix =

4 6 14 28 48 74

5 4 11 26 49 80

1 2 13 34 65 106

4 7 16 31 52 79





