INDIAN INSTITUTE OF TECHNOLOGY , KHARAGPUR

DEPARTMENT OF MATHEMATICS

MA39110-ANT_LAB ASSIGNMENT-07

1.Write a MATLAB CODE to calculate cubic spline for the following 4 data points. Find y(1.5) & y'(3).

X	1	2	3	4
Y	1	2	5	11

2. Write a MATLAB CODE to calculate cubic spline for the following 5 data points. Find y(0.5) & y(3.5).

x	1	2	3	4	5
y	0	1	0	1	0