```
Enter the x-coordinates of the data points as row vector: [.8 1]

 Rule of the given function is : f(x)=sin(e^x-2).

 The data is given in a table as:

         x           f(x)
    0.80000000    0.22363362
    1.00000000    0.65809197

 The coefficients a_j, b_j, c_j, d_j of the sub-spline S_j are given in a table as:

         j           a_j           b_j           c_j           d_j
    1.00000000    0.22363362    2.16917528    0.65914073   -3.21779244

 Enter the point at which we want to find the values of the function and its derivative

 The value of the natural cubic Spline at 0.90 is :     0.44392477

 The value of the derivative of the natural cubic Spline at 0.90 is :     2.20446965

>>
```