```
Enter the x-coordinates of the data points as row vector: [8.3 8.6]

 Rule of the given function is : f(x)=xlog(x).

 The data is given in a table as:

         x           f(x)
    8.30000000   17.56492077
    8.60000000   18.50515495

 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   17.56492077    3.13411392    0.00000000    0.00000000

 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 8.40 is :    17.87833216

 The value of the derivative of the natural cubic Spline at 8.40 is :     3.13411392

>>
```