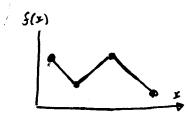
EXAMPLE

Fit the data in the table with first order sprines. Evaluate Function @ x=5.

i	<u>x</u> :	_£:_
1	3.0	1.5
2	4.6	1.0
3	7.0	2.6
4	9.0	0.6



$$S_2(x_2) = a_1 + b_1(x_2 - x_2)$$

 $S_{24} = J_1 + b_2(x_{24} - x_2)$
 $b_1 = J_{24} - J_2$

$$5i = 5i + \frac{5in - 5i}{2in - 3i} (X - Xi)$$

$$5i = 1 + 2.5 - 1 (X - 4.5)$$

$$5_2 = 1 + 2.5 - 1 (x - 4.5)$$
 $7.5 - 4.5$