Lab5

Question 1:

|  |  |  |  |
| --- | --- | --- | --- |
| X | X0 | X1 | X2 |
| F(X) | F(x0) | F(x1) | F(x2) |

F(0) =0

F(1)=1

F(2)=2

=> S(x) =

Question 4

S(x) =

S(0) =0

S0(1)=2

S1(1)=2

S0’(1) = S1’(1)

S0’’(1) = S1’’(1)

S1(2)= 2 +b1 +C1 +D1 ⬄ B1 +C1 +D1 =2

b1 = 6/5

c1 = -26/10

d1 = -1/5

S(x) =