Example

Input:

1. Function : 2\*x+3
2. N >> array length
3. 3 array elements
4. X0 (x node)

Output:

1. X-value >> array element
2. Estimated value using newton method
3. Actual value > calculated from function
4. Absolute error
5. Relative error
6. Value of X0

Example on program:

Input :

1. 2\*x+3 >> f
2. 4 >> n
3. 2 >>n1
4. 4 >>n2
5. 6 >>n3
6. 8 >>n4
7. 5 x0