

Algorithm: Lagrange Interpolation

- Read n
 - For $i = 0$ to $(n-1)$ in steps of 1 do
 - Read $x_{arr}[i], y_{arr}[i]$End for
 - Read x
 - Set $result = 0.0$
 - For $i = 0$ to $(n-1)$ in steps of 1 do
 - $result += \left(\frac{num(x, i, x_{arr})}{deno(i, x_{arr})} \right) * y_{arr}[i]$End for
 - Print $result$
- END

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