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```
function [y] = N(X, Y, x)

n = length(X);
A = zeros(n, n);
A(:, 1) = 1;

for i = 2:n
    for j = 2:i
        P = 1;
        for k = 1:(j-1)
            P = P*(X(i)-X(k));
        end
        A(i, j) = P;
    end
end

c = SubsAsc(A, Y);

y = c(1);
for i = 2:n
    P = 1;
    for j=1:(i-1)
        P = P .*(x-X(j));
    end
    y = y + c(i)*P;
end
end
```

*Not enough input arguments.*

*Error in N (line 4)*  
*n = length(X);*

*Published with MATLAB® R2019a*