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MAT 331

Project 1

14 February 2020

1. D

%The implementation of functions f and g, runs a loop to calculate the

%desired values.

function question1()

%prints the functions f and g for the

%x value in the loop

xVals = [];

fVals = [];

gVals = [];

for i=1:20

xVals(i) = 5 ^ -i;

fVals(i) = f(xVals(i));

gVals(i) = g(xVals(i));

end

A = [];

A(:, 1) = fVals';

A(:, 2) = gVals';

t = table(xVals',A(:, 1),A(:, 2),'VariableNames',["x","f", "g"])