clc; clear; close all;

% Define x and y values

x = [0, 1, 2];

y = [1, 2, 3];

% Compute function values for each (x, y) pair

f\_values = zeros(length(x), length(y));

for i = 1:length(x)

for j = 1:length(y)

f\_values(i, j) = 1 / (x(i) + y(j));

end

end

% Display the results

disp('Function values table f(x, y):');

disp(array2table(f\_values, 'VariableNames', {'y=1', 'y=2', 'y=3'}, 'RowNames', {'x=0', 'x=1', 'x=2'}));