clc; clear; close all;

% Define the function

f = @(x, y) (x + y) .\* (x >= 0 & x <= 1 & y >= 0 & y <= 1);

% Compute the double integral using integral2

result = integral2(f, 0, 1, 0, 1);

% Display the result

fprintf('The integral result is: %.4f\n', result);