```matlab
% Aditya Gopalan
% APPM 2360 Matlab Homework 5
% Due: Thursday, October 17, 2019
% Problem 3 - Duffing Equation Function

function vprime = duffing(t, v)
    x = v(1);
    y = v(2);

    vprime = zeros(2,1);

    vprime(1) = y;
    vprime(2) = -0.3*y + x - x.^3 + 0.37*cos(1.2*t);
end
```

Not enough input arguments.

Error in duffing (line 7)
    x = v(1);

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