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%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
% Kartierung und Navigation      %
% Nils Busemann  Maik Schmotz   %
% Änderungsdatum: 07.01.17      %
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

% Funktion zum Anzeigen der Karte
function karte_zeigen(karte)

p = 1;
p1 = plot(karte(1,1),karte(2,1),'+r');
p2 = plot(karte(1,1),karte(2,1),'+g');

for i=1:length(karte)

    if karte(3,i) == 0      %0...ungemäht
        p1 = plot(karte(1,i),karte(2,i),'+r');
    end

    if karte(3,i) == 1      %1...gemäht
        p2 = plot(karte(1,i),karte(2,i),'+g');
    end

    if karte(3,i) == 2      %2...Perimeterschleife

        perimeterschleife_x(p) = karte(1,i);
        perimeterschleife_y(p) = karte(2,i);
        p = p + 1;
    end

    if karte(3,i) == 3      %3...aktueller Standpunkt auf Perimeterschleife
        standpunkt_x = karte(1,i);
        standpunkt_y = karte(2,i);
        perimeterschleife_x(p) = karte(1,i);
        perimeterschleife_y(p) = karte(2,i);
        p = p + 1;
    end

    if karte(3,i) == 4      %4...aktueller Standpunkt auf Rasen
        standpunkt_x = karte(1,i);
        standpunkt_y = karte(2,i);
    end

    hold on;
end

p3 = plot(perimeterschleife_x,perimeterschleife_y,'*-g');
p4 = plot(standpunkt_x,standpunkt_y, '*b');
p5 = plot(karte(1,1),karte(1,1), 'sk', 'MarkerFaceColor', [0,0,0], 'MarkerSize', 10); %
    Ladestation
legend([p1 p2 p3 p4 p5], 'nicht gemäht', 'gemäht', 'Perimeterschleife', 'aktueller Standpunkt
', 'Ladestation');

end

```

Not enough input arguments.

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Error in karte_anzeigen (line 11)  
p1 = plot(karte(1,1),karte(2,1),'+r');
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