```
 function dydt = PendulumFunc(t, y)
% Program determine the first order time derivatives of variable vector y = [y1,y2] for
% the current values of y and time t.
global L g
 % can be easily used by the the dydt script

 dydt = zeros(size(y)); % initialize to zero and makes column vector

 dydt(1) = y(2);

 dydt(2) = -(g * sin(y(1))) / L;
```

Not enough input arguments.

Error in PendulumFunc (line 7)
 dydt = zeros(size(y)); % initialize to zero and makes column vector