```matlab
% =========================================================================
% ECE 1050 Lab M1 :
% My script file for practicing with series and parallel resistor circuits .
% =========================================================================
% Hayden Walpole
% Sept 28, 2023
%=======================================================
% Define resistor values ( ohm ).
R1 = 1e3 ;
R2 = 3.3e3 ;
R3 = 1.5e3 ;
% Calculate total series resistance ( ohm ).
Rs = R1 + R2 + R3 ;

% Calculate conductances ( S ).
G1 = 1/ R1 ;
G2 = 1/ R2 ;
G3 = 1/ R3 ;

Gp= G1 + G2 + G3;
Rp = 1/Gp;
```

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