```matlab
function [auxOut,errorMes] = RBCmodel_ss(params)

%% Section 1:
% The size of the model
ny    = 7;        %Number of control variables
nx    = 4;        %Number of state variables
ne    = 2;        %Number of shocks
mx    = 1;        %Number of endogenous state variables (must come first in x)
myx   = 1;        %Number of lagged control variables appearing as states.
                  %These lagged control variables must come first in y AND must
                  %appear in x after the endogenous states.
```