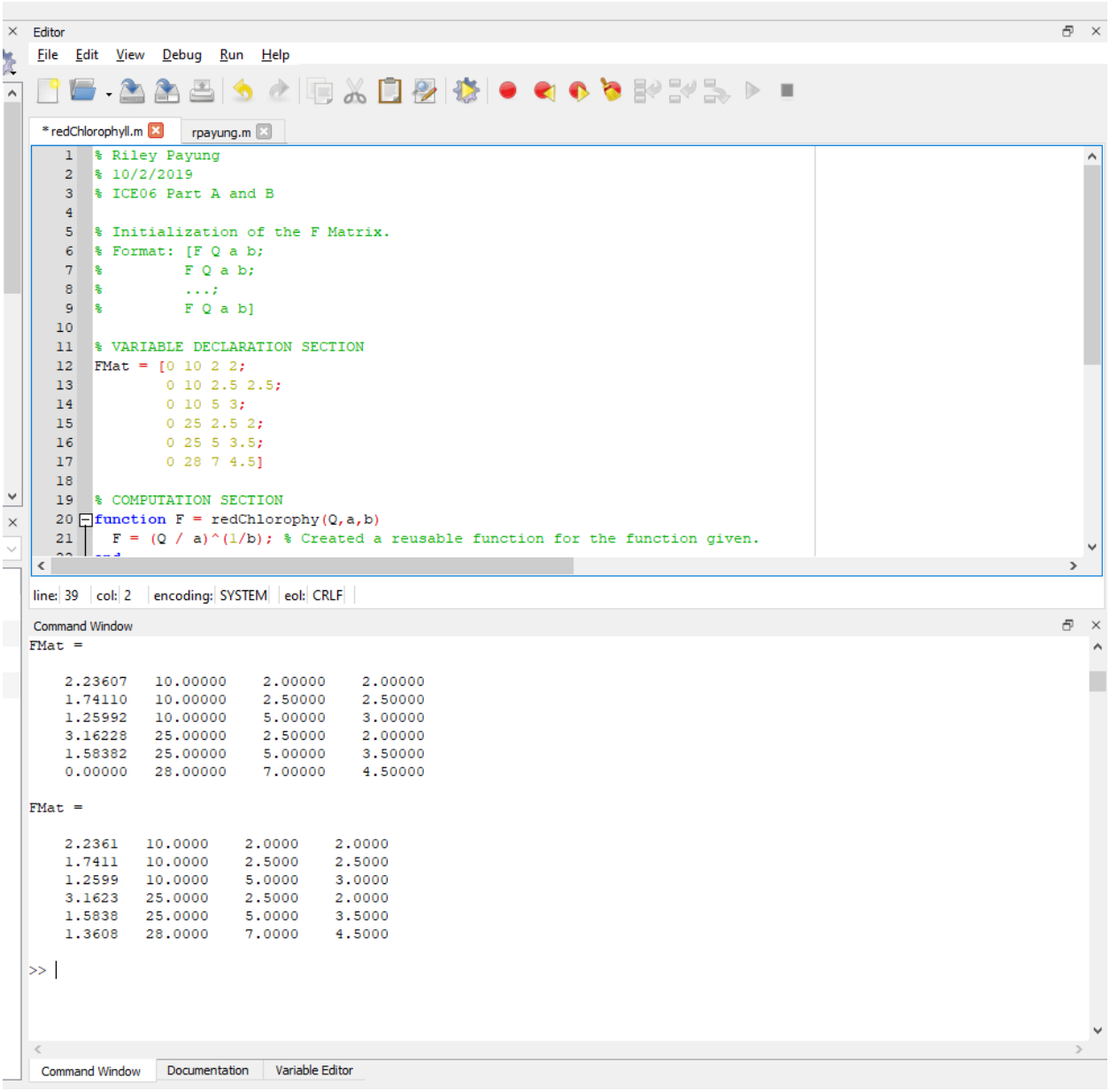
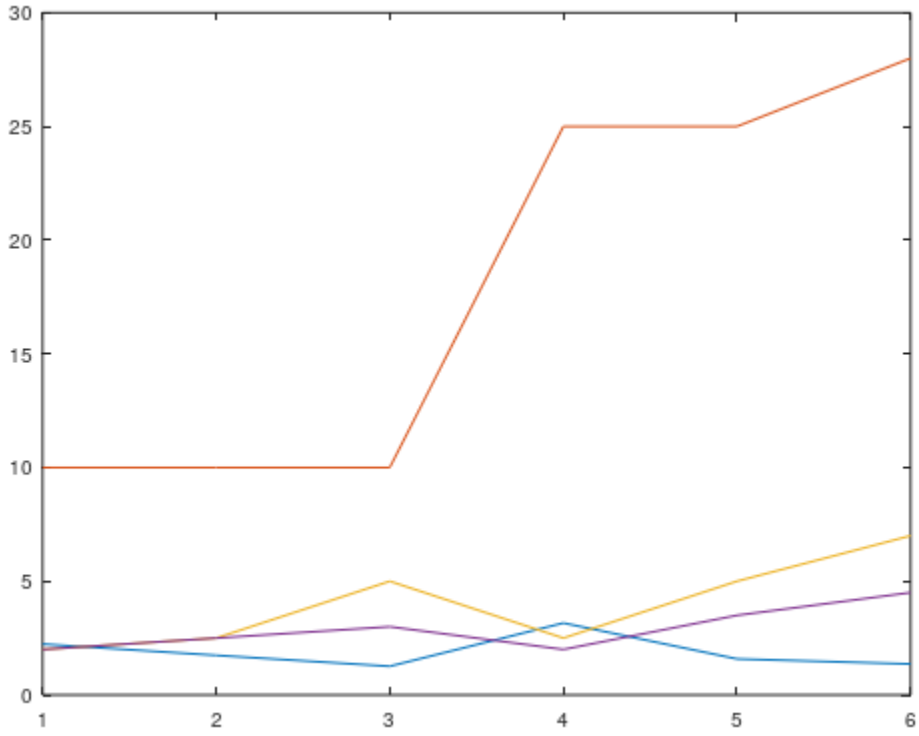
PART A:


Editor
File Edit View Debug Run Help
*redChlorophyll.m
rpayung.m
% Riley Payung
% 10/2/2019
% ICE06 Part A and B
% Initialization of the F Matrix.
% Format: [F Q a b;
%   F Q a b;
%   ...;
%   F Q a b]
% VARIABLE DECLARATION SECTION
FMat = [0 10 2 2;
0 10 2.5 2.5;
0 10 5 3;
0 25 2.5 2;
0 25 5 3.5;
0 28 7 4.5]
% COMPUTATION SECTION
function F = redChlorophy(Q,a,b)
F = (Q / a)^(1/b); % Created a reusable function for the function given.
line: 39 col: 2 encoding: SYSTEM eol: CRLF
Command Window
FMat =
2.23607 10.00000 2.00000 2.00000
1.74110 10.00000 2.50000 2.50000
1.25992 10.00000 5.00000 3.00000
3.16228 25.00000 2.50000 2.00000
1.58382 25.00000 5.00000 3.50000
0.00000 28.00000 7.00000 4.50000
FMat =
2.2361 10.0000 2.0000 2.0000
1.7411 10.0000 2.5000 2.5000
1.2599 10.0000 5.0000 3.0000
3.1623 25.0000 2.5000 2.0000
1.5838 25.0000 5.0000 3.5000
1.3608 28.0000 7.0000 4.5000
>>
Command Window
Documentation
Variable Editor

PART B: