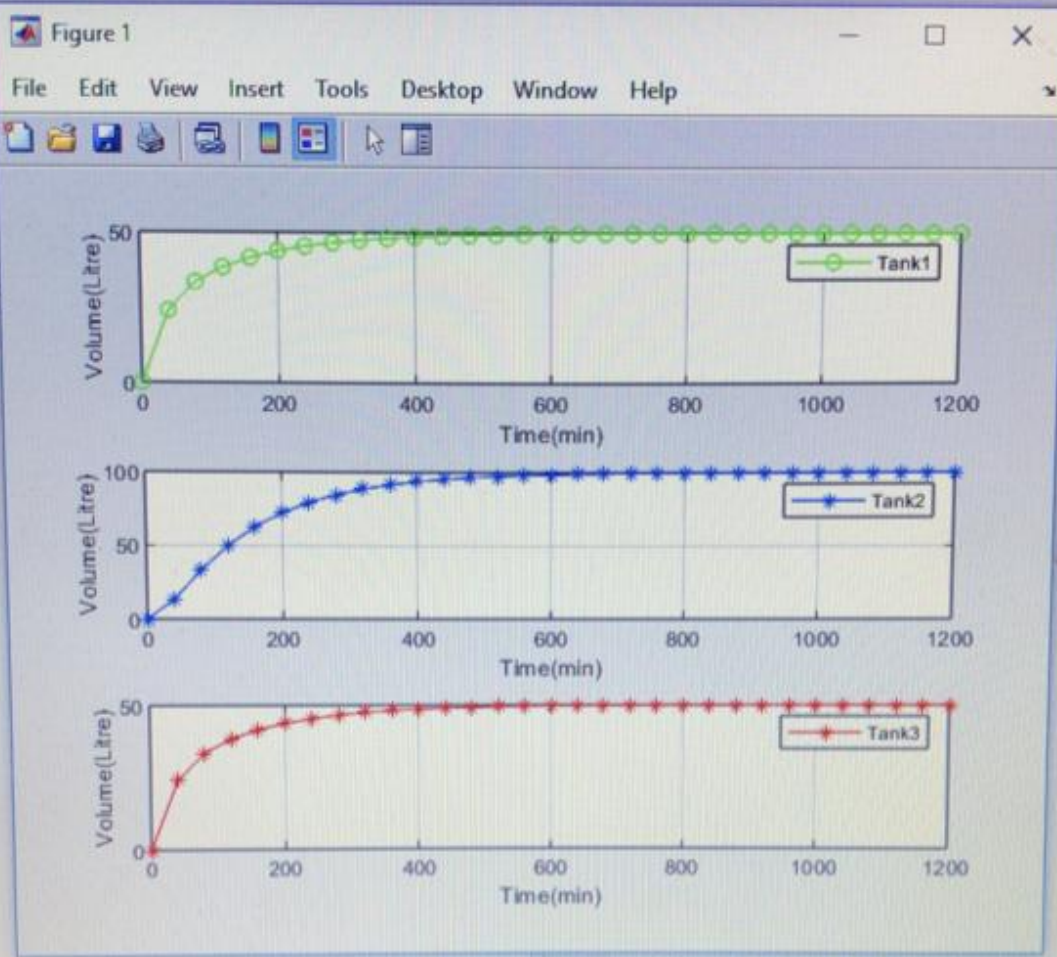


```
1 -   commandwindow
2 -   clear
3 -   clc
4 -   close all
5 -   [t,q]=ode45('victordefun',[0:40:1200],[0 0 0]);
6
7 -   figure(1)
8 -   subplot(3,1,1)
9 -   plot(t,q(:,1),'o-g')
10 -  xlabel('Time (min)')
11 -  ylabel('Volume (Litre)')
12 -  legend('Tank1')
13 -  grid on
14 -  subplot(3,1,2)
15 -  plot(t,q(:,2),'*-b')
16 -  xlabel('Time (min)')
17 -  ylabel('Volume (Litre)')
18 -  legend('Tank2')
19 -  grid on
20 -  subplot(3,1,3)
21 -  plot(t,q(:,1),'*-r')
22 -  xlabel('Time (min)')
23 -  ylabel('Volume (Litre)')
24 -  legend('Tank3')
25 -  grid on
```





```

18 - legend('Tank2')
19 - grid on
20 - subplot(3,1,3)
21 - plot(t,q(:,1),'*-r')
22 - xlabel('Time(min)')
23 - ylabel('Volume(Litre)')
24 - legend('Tank3')
25 - grid on

```

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