

```
okopido.m x +
1 - commandwindow
2 - clear
3 - clc
4 - close all
5 - syms m t
6 - t = [0:0.5:7.5]
7 - m = 204 - 1890*exp(-0.025*(t))
8 - plot(t,m)
9 - xlabel('time(hr)')
10 - ylabel('m(pounds)')
11 - grid on
12 - grid minor
```

Command Window

t =

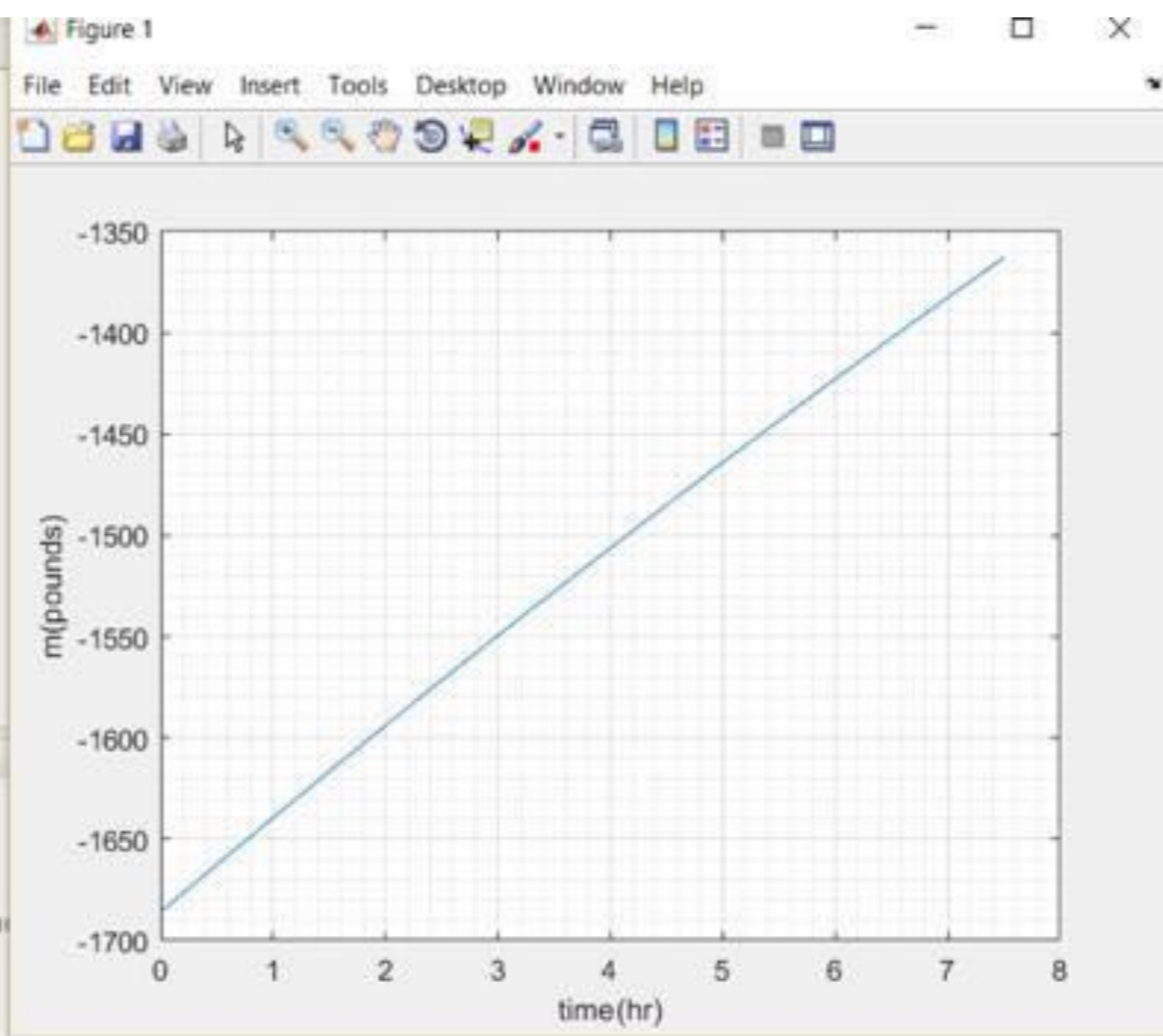
0	0.5000	1.0000	1.5000	2.0000	2.5000	3.0000	3.5000	4.0000	4.5000	5.0000	5.5000	6.0000	6.5000	7.0000	7.5000
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m =

1.0e+03 *

-1.6860	-1.6625	-1.6393	-1.6164	-1.5938	-1.5715	-1.5494	-1.5277	-1.5061	-1.4849	-1.4639	-1.4432	-1.4227	-1.4025	-1.3826	-1.3629
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f1 >>



Activate Windows
Go to Settings to activate Windows.

```

1 - commandwindow
2 - clear
3 - clc
4 - close all
5 - syms t
6 - values=[]
7 - t=1:1:500
8 - mean=1000-((exp(-0.05*t))*800)
9 - y=1000+(50/1.0025)*sin(t)+(2.5/1.0025)*cos(t)-((exp(-0.05*t))*802.4
10
11 - if rem(t,2) ==0
12 -     values=[values,mean]
13 - else
14 -     values=[values,y]
15 - end
16 - excelvalues=transpose(values)
17 - mins=transpose(t)
18 - plot(t,values)
19 - grid on
20 - grid minor
21 - xlabel('time (mins)')
22 - ylabel('volume (litres)')
23 - xlswrite('odevbesdata.xlsx',{'t (min)'},'veriler','A1')
24 - xlswrite('odevbesdata.xlsx',mins,'veriler','A2')
25 - xlswrite('odevbesdata.xlsx',{'V(Litre)'},'veriler','B1')
26 - xlswrite('odevbesdata.xlsx',excelvalues,'veriler','B2')
27

```

