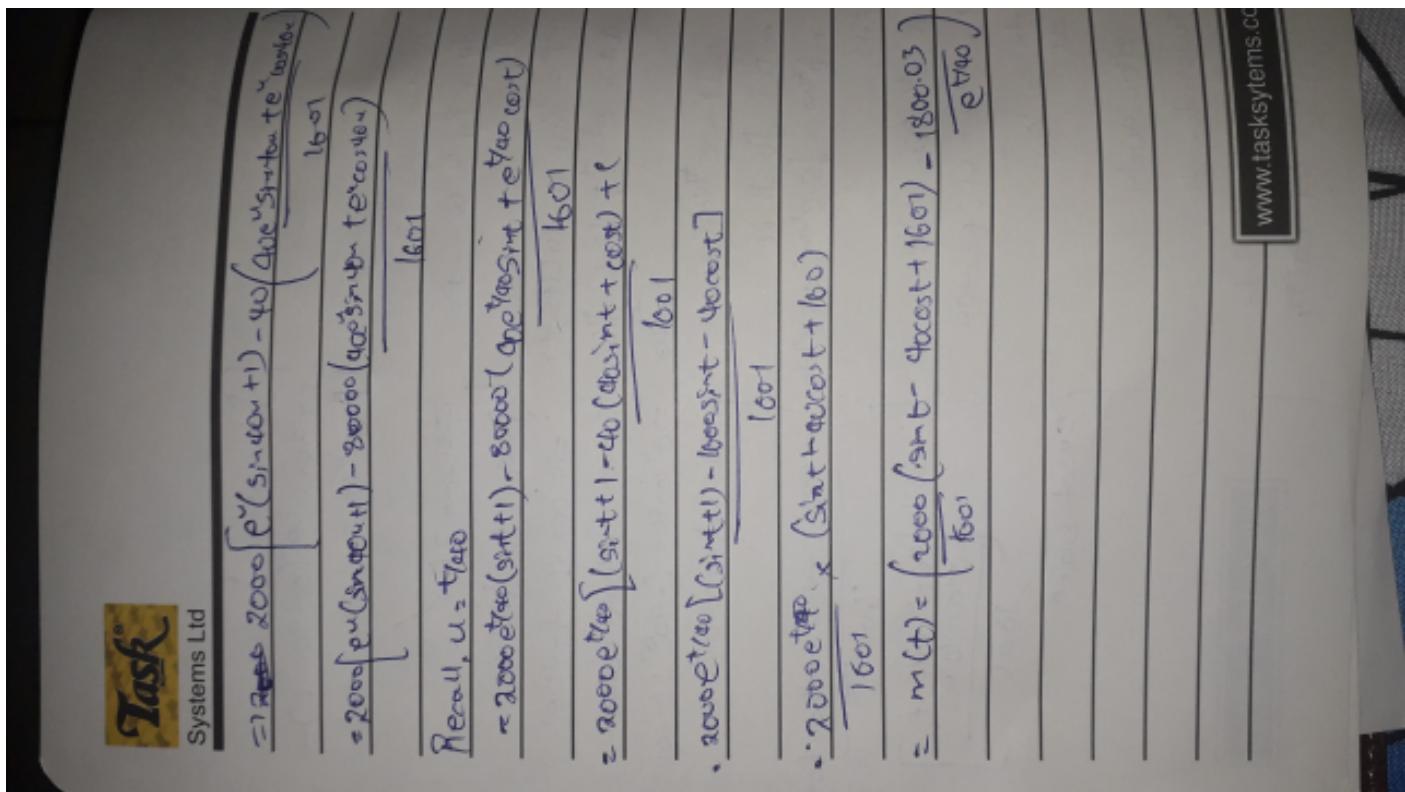
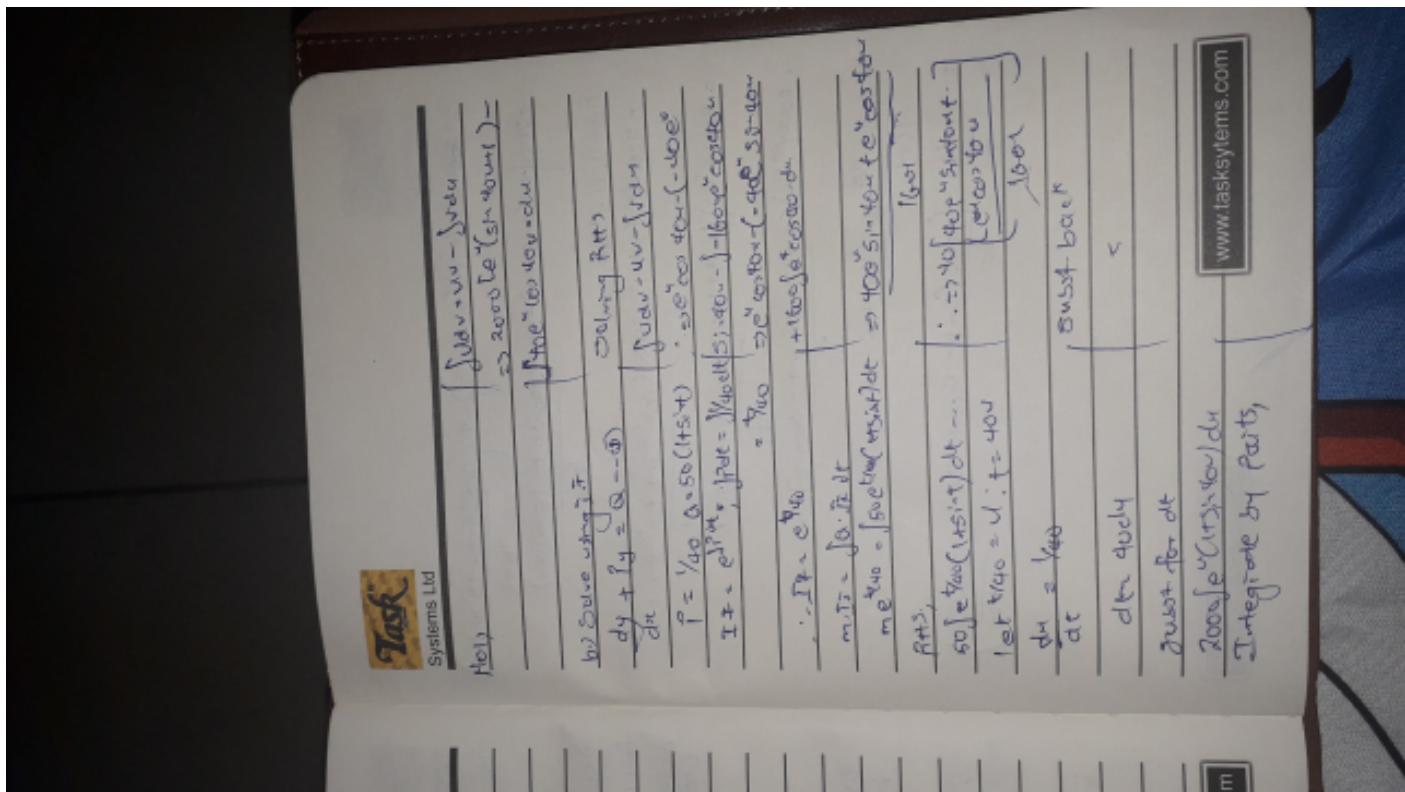


JOHN-OGBE JONATHAN

19/ENG04/062

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```
1 - commandwindow
2 - clear
3 - clc
4 - close all
5 - syms t
6 - y = (50/0.05)+((50/1.0025)*sin(t))+(((50*(0.05))/1.0025)*cos(t))
7 - ym = 1000-(800*exp(-0.05*t))
8 - oddValues = 1:2:500
9 - evenValues = 2:2:500
10 - ym = double(subs(y, oddValues))
11 - ymm = double (subs(ym, evenValues))
12 - totTime = 1:1:500
13 - timeTrans = totTime'
14 - c = reshape([ym, ymm], [], 1)
15 - combVal = double(c)
16 - plot(totTime, c)
17 - grid on
18 - grid minor
19 - xlabel('T(min)'), ylabel('V(litre)')
20 - col_header = {'t(min)', 'V(Litre)'}
21 - xlswrite['odevbesdata.xlsx', col_header, 'veriler', 'A2']
22 - xlswrite['odevbesdata.xlsx', timeT, 'veriler', 'A3']
23 - xlswrite['odevbesdata.xlsx', combined, 'veriler', 'B2']
```

Workspace	
Name	Value
c	62750x1 double
combVal	62750x1 double

