

ORUMWENSE OSAYAMEN ENNA

181ENG04/068

ENGL 282 QUIZ

ELECT/ELECT

1) T_1 of thermometer = 10°C

T_2 of thermometer = 20°C

Time taken = 5 min = 300 sec

$\Delta T = 20 - 10 = 10^\circ\text{C}$

find $T = 24.9^\circ\text{C}$ $\Delta T_c = 24.9 - 10 = 14.9^\circ\text{C}$

$12^\circ\text{C} - 300\text{s}$

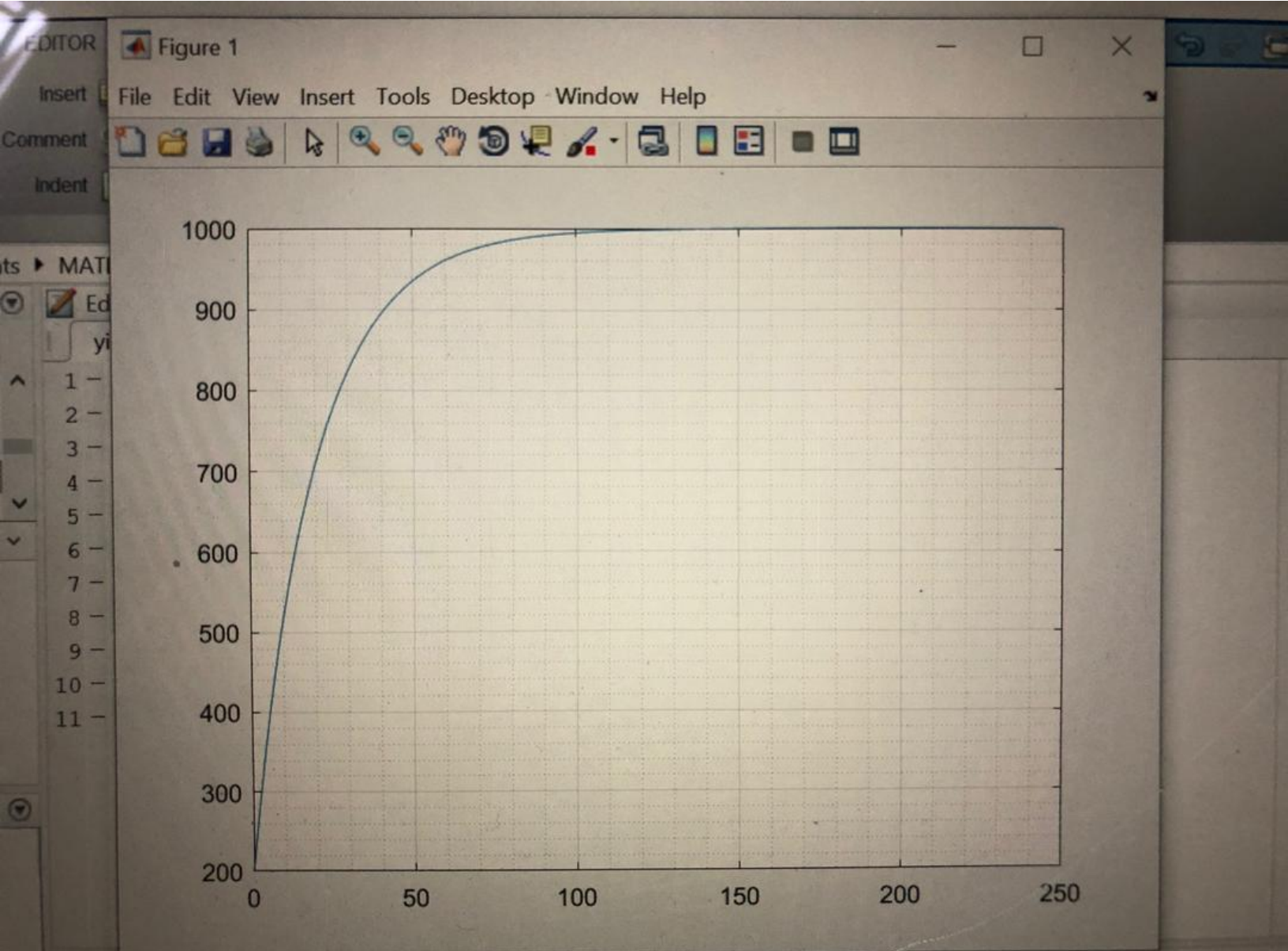
$14.9^\circ\text{C} \times x$

$x = \frac{14.9 \times 300}{12}$

$x = 447.5$

$x = 447 \text{ sec}$

$x = 7 \text{ minutes } 27 \text{ seconds}$



```
yimaquiz2.m x +  
- commandwindow  
- clear  
- clc  
- close all  
- format short g  
- mdata=xlsread('onlinequizdata','fluiddata')  
- x=mdata(1:2:250,1)  
- y=mdata(1:2:250,2)  
- plot(x,y)  
- grid on  
- grid minor|
```

I

Command Window
86
88
90
92
94
96
98
100
fx 102