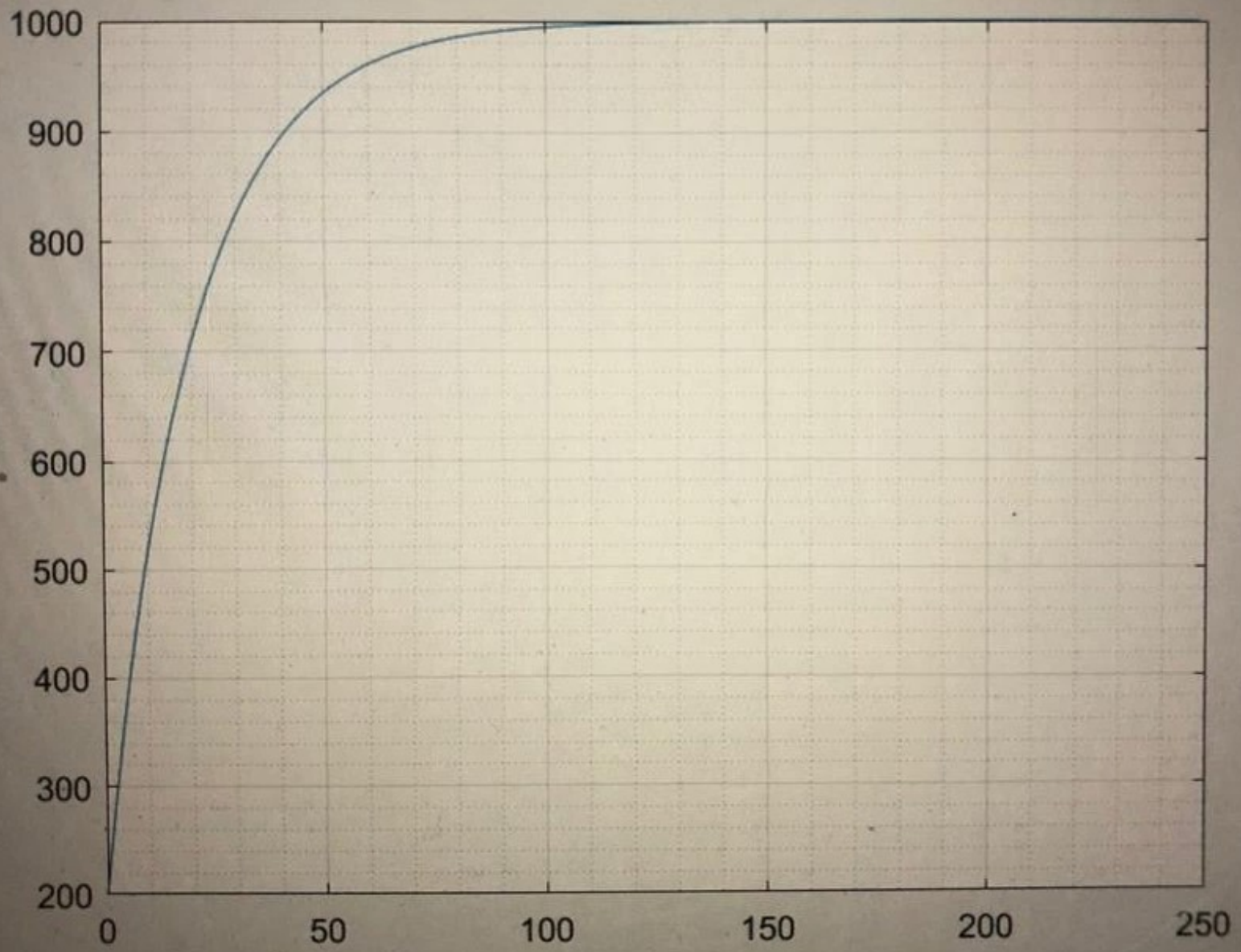



EDITOR Figure 1

File Edit View Insert Tools Desktop Window Help



MATLAB Editor

yi

- 1 -
- 2 -
- 3 -
- 4 -
- 5 -
- 6 -
- 7 -
- 8 -
- 9 -
- 10 -
- 11 -

```
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
```

Command Window

86
88
90
92
94
96
98
100
102

Atyngba Inwanda
 18 Feb 2019
 Computer engineering

1) T₁ of thermometer = 100°C

T₂ of thermometer = 200°C

Time taken = 5 minutes = 300s = 300 seconds

$$A = T_2 - T_1 = 200 - 100 = 100$$

$$T = 24.99^\circ\text{C}$$

$$T - AT = 24.99 - 100 = 14.99^\circ\text{C}$$

100°C ——— 300s

14.99°C ——— x

$$10x = 300 \times 14.99$$

$$10x = 4497$$

$$x = 449.7 \text{ seconds}$$

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