

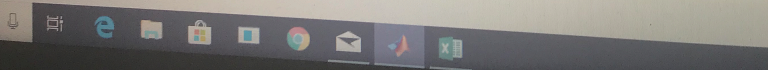
Navigation and editing toolbar with tabs: APPS, EDITOR, PUBLISH, VIEW. Includes icons for Insert, Comment, Find, Breakpoints, Run, Run and Advance, Run Section, Advance, Run and Time, and a Search Documentation field.

Files > MATLAB > R2017a > bin >

Editor - Untitled*
emmanuelone.m x EMMANUEL TWO.m x Untitled* x +

```
1  commandwindow
2  clear
3  clc
4  close all
5  format short g
6  mdata=xlsread('fluiddata')
7  x=mdata(1:2:250,2)
8  y=mdata(1:2:250,2)
9  plot(x,y)
10 grid on
11 grid minor
12
13
14
15
```

Command Window
New to MATLAB? See resources for [Getting Started](#).
fx >>



Aigbonoga Emmanuel

181614061005

Mechanical Engineering

$$T_1 = 10^\circ\text{C}$$

$$T_2 = 20^\circ\text{C}$$

$$\text{Time taken} = 5 \text{ min} = 5 \times 60 = 300 \text{ seconds}$$

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

$$\text{Final temperature} = 24.9^\circ\text{C} \quad \Delta T_c = 24.9 - 10 = 14.9^\circ\text{C}$$

$$10^\circ\text{C} \neq 300 \text{ secs}$$

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

$$10x = 4470$$

$$x = 447.0$$

$$10 \quad x = 447 \text{ seconds, or } 7 \text{ minutes } 27 \text{ seconds,}$$