

AGABOR AARON  
MATRIC NO: 181ENG07104

PETROLEUM ENGINEERING

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

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

Time taken = 5 minutes = 300 sec.

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

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

$10^\circ\text{C}$  to 300s

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

$10^\circ\text{C}$  to  $300 \times 14.9$

$$10x = 4470$$

$$x = 447 \text{ seconds}$$

$$s = 7 \text{ min } 27 \text{ sec}$$

AFABOR AARON  
MATRIC NO: 161ENG07104

• PETROLEUM ENGINEERING

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

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

Time taken = 5 minutes = 300 sec.

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

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

$$10^\circ\text{C} \text{ to } 300\text{s}$$

$$14.9^\circ\text{C} \text{ to } 0$$

$$10\text{ sec} + 0.300 \times 14.9$$

$$16x = 4470$$

$$x = 447 \text{ seconds}$$

$$s = 7 \text{ min} \text{ in } 27 \text{ sec}$$



FILE VARIABLE

Find Files, Open, Compare, Import Data, Save Workspace, New Variable, Open Variable, Clear Workspace, Favorites

C:\Program Files\MATLAB\R2018a\bin

Editor - C:\Users\AARONIC\Favorites\onlinequizdata\onlinequizdata.m

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

- z.m
- ode.m
- sub.m
- Q2TEST.m
- MATRES.r
- wale.m

onlinequiz

86  
88  
90  
92  
94  
96  
98  
100  
102



Figure 1

File Edit View Insert Tools Desktop Window Help

