**Task 12\_5: Decrease the timer interrupt time so that the refresh rate of the displays becomes 50 Hz. Please note that each display gets its turn to refresh after 8 timer interrupts so the refresh rate you calculate has to be divided by 8. Show your calculations for a refresh rate of 50 Hz.**

**Answer:**

As we have 80ms delay for each display to gets it is turn to refresh after 8- timer interrupts.  
  
By the way;

ι = (160ms)/80

ι =20ms

**Using formula**

f = 1/T

f =1/20ms

f = 100/20ms

f = 50Hz

* so, the delay in between two consecutive display is 10ms