For hours hand

- For every 12 hours, hours hand rotate 360deg. so, for every h hour, hours hands rotate how many deg?

  12 hours ---> 360deg
  h hours ---> ?deg

  = (360*h) / 12
  = (30*h)deg

  - Now, hours hand has movement due to minutes also. so, lets calculate hours hand movement after every m minute.
  - For every 60 minutes, hours hand rotate 30deg. so, for every m minute, hours hands rotate how many deg?
    60 minutes ---> 30deg
    m minutes ---> ?deg
    = (30*m) / 60
    = (m/2)deg or (0.5*m)deg

  - Now, hours hand has movement due to seconds also. so, lets calculate hours hand movement after every s seconds.
  - For every 60 seconds, hours hand rotate 0.5deg. so, for every s seconds, hours hands rotate how many deg?
    60 seconds ---> 0.5deg
    s seconds ---> ?deg
    =(0.5*s)/60 or (0.00833*s)deg

  - So, in total hours hand movement after every second is following
    = [(30*h) + (0.5*m) + (0.00833*s)] deg

For minutes hand

- For every 60 minutes, minutes hand rotate 360deg. so, for every m minutes, minutes hands rotate how many deg?

  60 minutes ---> 360deg

  m minutes ---> ?deg

  = (360*m)/60

  = (6*m)deg

  - Now, minutes hand has movement due to seconds also. so, lets calculate minutes hand movement after every s seconds.
  - For every 60 seconds, minutes hand rotate 6deg. so, for every s seconds, minutes hands rotate how many deg?

    60 seconds ---> 6deg

    s seconds ---> ?deg

    =(6*s)/60 or (0.1*s)deg

  - So, in total minutes hand movement after every second is following

    = [(6*m) + (0.1*s)] deg

For seconds hand

- For every 60 seconds, seconds hand rotate 360deg. so, for every s seconds, seconds hands rotate how many deg?

  60 seconds ---> 360deg

  s seconds ---> ?deg

  = (360*s)/60

  = (6*s)deg

  - So, in total seconds hand movement after every second is following

    = (6*s) deg