Afternoon session.

Capturing motion Time :

Date - 17/6/2020

Course - Python

Topic - Interactive Data
            visualisation.

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Sem - IV Sem.

Report :

Introduction to Bokeh :

you can install il with pip from the terminal :

    pip install bokeh   or

    pip3 install bokeh.

Using Bokeh with Pandas.

```
# making a basic bokeh line graph.
# importing Bokeh.
from bokeh. plotting import figure.
from bokeh.io import output file show.
# prepare same data
x = [1, 2, 3, 4, 5]
y = [6, 7, 8, 9, 10]
# prepare the output file
output_file ("line. html')
# create a figure object
f = figure ()
# create line plot
f. line (x, y)
# write the plot in figure object.
show (f)
```

Note :

The pandas library may require the xlrd library as a dependency. If you get an error like module Not found error : No module named 'xlrd' you can fix the error by installing xlrd:
   pip | pip3 install xlrd!

Plotting time intervals of the motion detector
Hover Tool Implementation :

Webscraping with Python Beautiful example domain –
   This domain is established to be used for illustrative examples in documents. you may use this domain in examples without prior conditau.