**13.How to visualize the sample data using line graph in python?**

**Objective:**

* To represent our sample data using line graph using python.

**Process:**

* First import needed library functions.
* Load the data sample in to data Frame.
* Using plot() from matplot library, we can draw line graph for corresponding variables.

**Input:**

* Data set(sample)

**Output:**

* Line graph representation of sample data.

**Source code:**

#import library

import matplotlib.pyplot as plt

import pandas as pd

#10 sample data

data={'name':['sathish','raj','raja','krishna','yusuf',

'praveen','sangee','ezhil','dinesh','ganesh'], 'salary':[100,200,300,400,500,400,300,200,100,50],

'age':[22,26,25,23,30,29,23,23,25,25], 'rating':[4,3.24,2.5,2.25,2,2.25,2.5,2.75,3.2,4.2], 'bonus':[2500,1200,900,3000,1800,1400,850,250,

750,1000]}

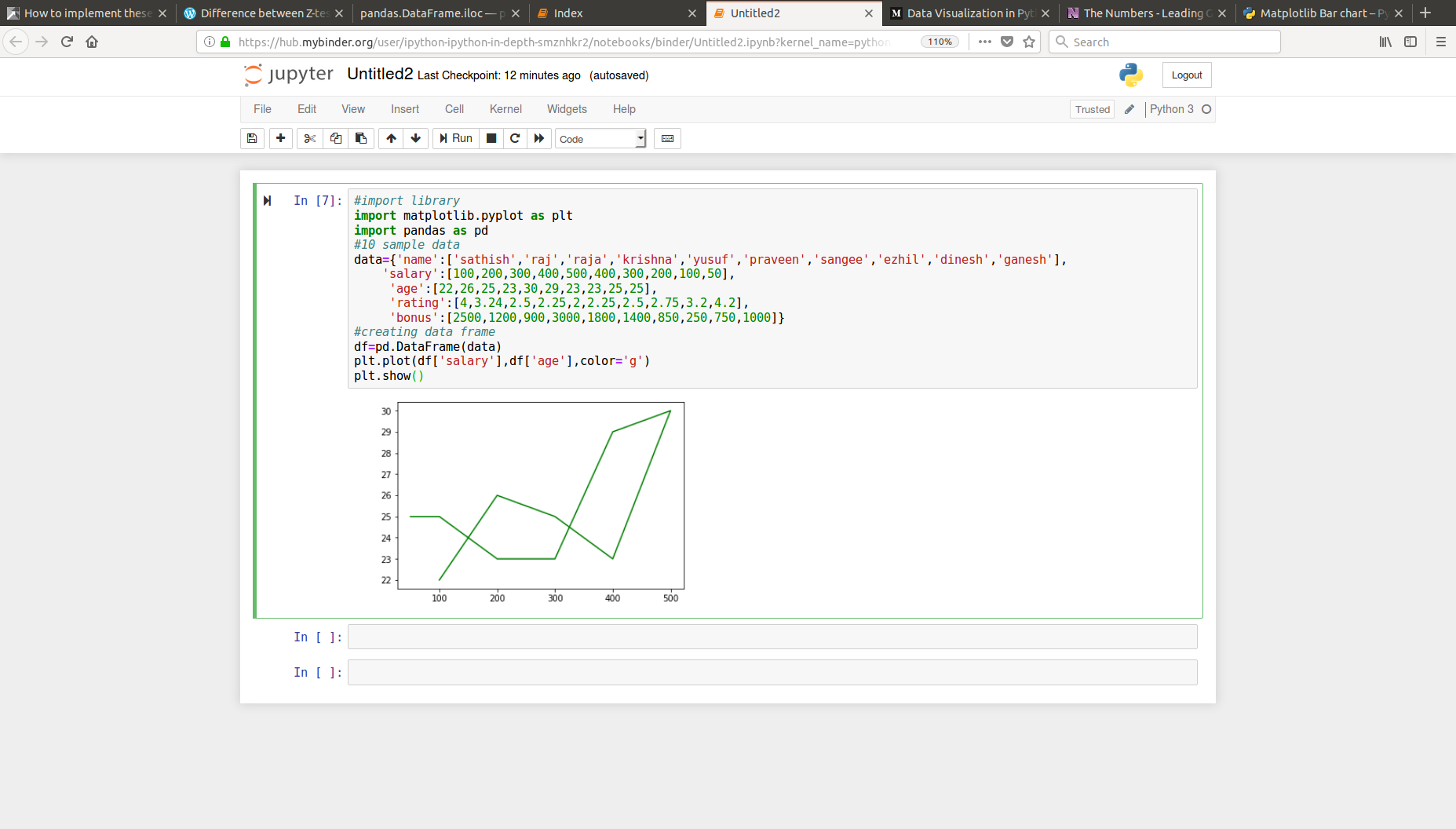
#creating data frame

df=pd.DataFrame(data)

plt.plot(df['salary'],df['age'],color='g')

plt.show()

**Screen Shot:**

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