```
#Import numpy

import numpy as np


#Seasons

Seasons = ["2015","2016","2017","2018","2019","2020","2021","2022","2023","2024"]

Sdict = {"2015":0,"2016":1,"2017":2,"2018":3,"2019":4,"2020":5,"2021":6,"2022":7,"2023":8,"2024":9}


#Players

Players = ["Sachin","Rahul","Smith","Sami","Pollard","Morris","Samson","Dhoni","Kohli","Sky"]

Pdict =
{"Sachin":0,"Rahul":1,"Smith":2,"Sami":3,"Pollard":4,"Morris":5,"Samson":6,"Dhoni":7,"Kohli":8,"Sky":
9}


#Salaries

Sachin_Salary =
[15946875,17718750,19490625,21262500,23034375,24806250,25244493,27849149,30453805,
23500000]

Rahul_Salary =
[12000000,12744189,13488377,14232567,14976754,16324500,18038573,19752645,21466718,
23180790]

Smith_Salary =
[4621800,5828090,13041250,14410581,15779912,14500000,16022500,17545000,19067500,20
644400]

Sami_Salary =
[3713640,4694041,13041250,14410581,15779912,17149243,18518574,19450000,22407474,22
458000]

Pollard_Salary =
[4493160,4806720,6061274,13758000,15202590,16647180,18091770,19536360,20513178,214
36271]

Morris_Salary =
[3348000,4235220,12455000,14410581,15779912,14500000,16022500,17545000,19067500,20
```

644400]

Samson_Salary = [3144240,3380160,3615960,4574189,13520500,14940153,16359805,17779458,18668431,20068563]

Dhoni_Salary = [0,0,4171200,4484040,4796880,6053663,15506632,16669630,17832627,18995624]

Kohli_Salary = [0,0,0,4822800,5184480,5546160,6993708,16402500,17632688,18862875]

Sky_Salary = [3031920,3841443,13041250,14410581,15779912,14200000,15691000,17182000,18673000,15000000]

#Matrix

Salary = np.array([Sachin_Salary, Rahul_Salary, Smith_Salary, Sami_Salary, Pollard_Salary, Morris_Salary, Samson_Salary, Dhoni_Salary, Kohli_Salary, Sky_Salary])

#Games

Sachin_G = [80,77,82,82,73,82,58,78,6,35]

Rahul_G = [82,57,82,79,76,72,60,72,79,80]

Smith_G = [79,78,75,81,76,79,62,76,77,69]

Sami_G = [80,65,77,66,69,77,55,67,77,40]

Pollard_G = [82,82,82,79,82,78,54,76,71,41]

Morris_G = [70,69,67,77,70,77,57,74,79,44]

Samson_G = [78,64,80,78,45,80,60,70,62,82]

Dhoni_G = [35,35,80,74,82,78,66,81,81,27]

Kohli_G = [40,40,40,81,78,81,39,0,10,51]

Sky_G = [75,51,51,79,77,76,49,69,54,62]

#Matrix

Games = np.array([Sachin_G, Rahul_G, Smith_G, Sami_G, Pollard_G, Morris_G, Samson_G, Dhoni_G, Kohli_G, Sky_G])

#Points

Sachin_PTS = [2832,2430,2323,2201,1970,2078,1616,2133,83,782]

Rahul_PTS = [1653,1426,1779,1688,1619,1312,1129,1170,1245,1154]

Smith_PTS = [2478,2132,2250,2304,2258,2111,1683,2036,2089,1743]

Sami_PTS = [2122,1881,1978,1504,1943,1970,1245,1920,2112,966]

Pollard_PTS = [1292,1443,1695,1624,1503,1784,1113,1296,1297,646]

Morris_PTS = [1572,1561,1496,1746,1678,1438,1025,1232,1281,928]

Samson_PTS = [1258,1104,1684,1781,841,1268,1189,1186,1185,1564]

Dhoni_PTS = [903,903,1624,1871,2472,2161,1850,2280,2593,686]

Kohli_PTS = [597,597,597,1361,1619,2026,852,0,159,904]

Sky_PTS = [2040,1397,1254,2386,2045,1941,1082,1463,1028,1331]

#Matrix

Points = np.array([Sachin_PTS, Rahul_PTS, Smith_PTS, Sami_PTS, Pollard_PTS, Morris_PTS, Samson_PTS, Dhoni_PTS, Kohli_PTS, Sky_PTS])

Featured examples

- [Retraining an Image Classifier](https://tensorflow.org/hub/tutorials/tf2_image_retraining): Build a Keras model on top of a pre-trained image classifier to distinguish flowers.

- [Text Classification](https://tensorflow.org/hub/tutorials/tf2_text_classification): Classify IMDB movie reviews as either *positive* or *negative*.

- [Style Transfer](https://tensorflow.org/hub/tutorials/tf2_arbitrary_image_stylization): Use deep learning to transfer style between images.

- [Multilingual Universal Sentence Encoder Q&A](https://tensorflow.org/hub/tutorials/retrieval_with_tf_hub_universal_encoder_qa): Use a machine learning model to answer questions from the SQuAD dataset.

- [Video Interpolation](https://tensorflow.org/hub/tutorials/tweening_conv3d): Predict what happened in a video between the first and the last frame.

plt.plot(Salary[0],ls='--',marker='^')

#Points

Sachin_PTS = [2832,2430,2323,2201,1970,2078,1616,2133,83,782]

Rahul_PTS = [1653,1426,1779,1688,1619,1312,1129,1170,1245,1154]

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Sky_PTS = [2040,1397,1254,2386,2045,1941,1082,1463,1028,1331]

#Matrix

Points = np.array([Sachin_PTS, Rahul_PTS, Smith_PTS, Sami_PTS, Pollard_PTS, Morris_PTS, Samson_PTS, Dhoni_PTS, Kohli_PTS,

```
Salary[0]
```

```
import matplotlib.pyplot as plt
```

```
plt.plot(Salary[0])
```

```
plt.plot(Salary[0],ls=':')
```

```
plt.plot(Salary[0],ls=':',marker='D',markersize=20)
```

```
plt.plot(Salary[0],ls=':',color='hotpink',marker='s')
```

21:02

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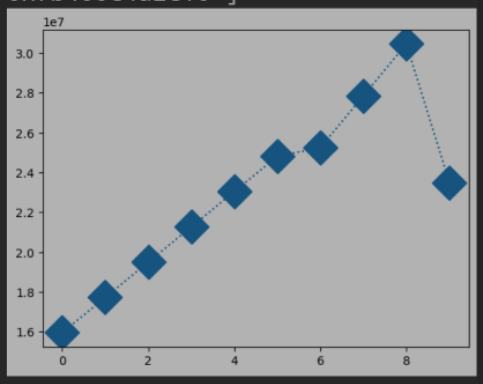
```
t(Salary[0],ls=':',marker='D',marker
```

0s

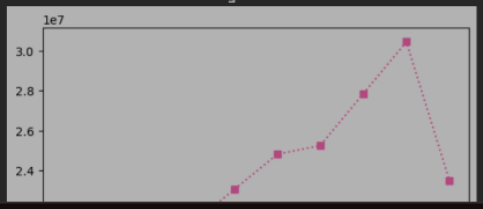
```
[<matplotlib.lines.Line2D at
0x7b400c4a2c10>]
```




```
alary[0],ls=':',color='hotpink',mark
```

0s

```
[<matplotlib.lines.Line2D at
0x7b3ff87c7e90>]
```



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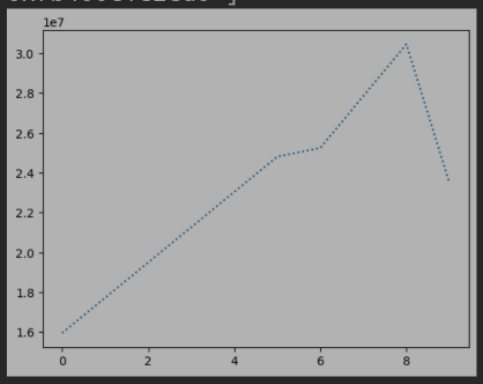
```
plt.plot(Salary[0],ls=':')
```

0s

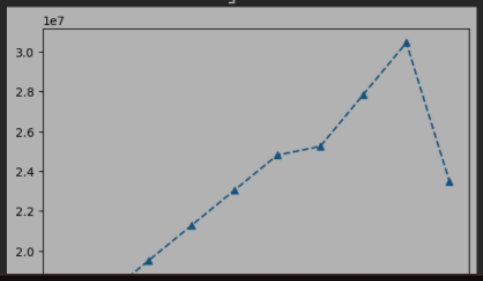
```
[<matplotlib.lines.Line2D at
0x7b400c1c2cd0>]
```

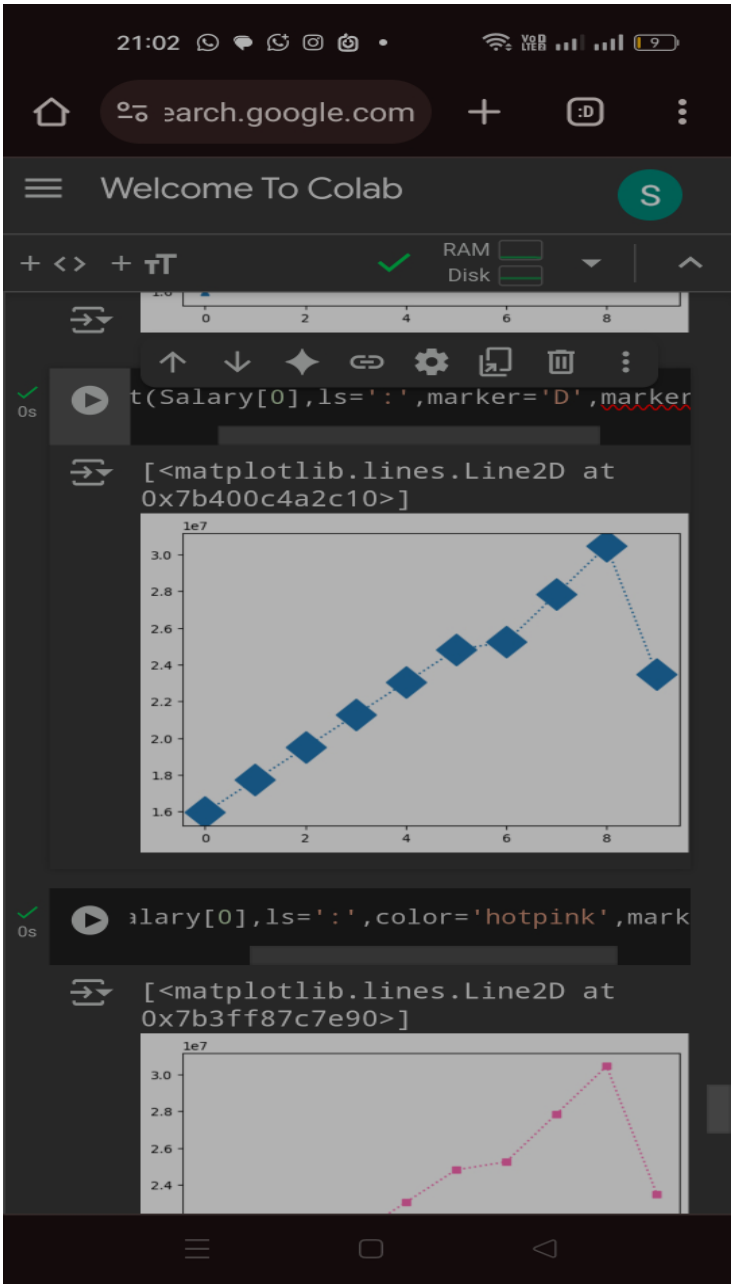



```
plt.plot(Salary[0],ls='--',marker='
```

0s

```
[<matplotlib.lines.Line2D at
0x7b400c2927d0>]
```





plt.plot(Salary[0],ls=':',color='blue',marker='o',ms=20)