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D1 - 19BCE245

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Practical 6

Plot a line graph that shows in the figure for the given data.
The runs scored between two-wicket fall in a one-day
international match between India and England is generated
using randomly.

Code :

```python
1. import random
2. import numpy
3. from matplotlib import pyplot as plt

4. index = [i for i in range(10)]

5. #india = [random.randint(0,200) for run in range(10)]
6. #england = [random.randint(0,200) for run in range(10)]

7. india = [5, 35, 24, 0, 99, 1, 35, 15, 27, 14]
8. england = [10, 55, 34, 21, 2, 7, 118, 29, 32, 10]

9. print(index,"\n",india,"\n",england)

10.plt.plot(index,numpy.cumsum(india),'red',label = 'Line one'
   , linewidth = 2,marker = 'o')
11.plt.plot(index,numpy.cumsum(england),'blue',label = 'Line
   two' , linewidth = 2,marker = 'o')

12.plt.title('Performance')
```

```
13.plt.ylabel('Runs')
14.plt.xlabel('Wickets')

15.plt.legend(["India","England"])

16.plt.show()
```

Output (graph generated) :