In [1]:
```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
%matplotlib inline
```

In [3]:
```
import os
```

In [4]:
```
os.getcwd()
```

Out[4]:
```
'C:\\Users\\Akarsh\\data science 6th january'
```

In [9]:
```
os.chdir('C:\\Users\\Akarsh\\Desktop\\assignments')
```

In [10]:
```
os.getcwd()
```

Out[10]:
```
'C:\\Users\\Akarsh\\Desktop\\assignments'
```

In [12]:
```
data=pd.read_csv('Q9_a.csv')
data
```

Out[12]:

	Index	speed	dist
0	1	4	2
1	2	4	10
2	3	7	4
3	4	7	22
4	5	8	16
5	6	9	10
6	7	10	18
7	8	10	26
8	9	10	34
9	10	11	17
10	11	11	28
11	12	12	14
12	13	12	20
13	14	12	24
14	15	12	28
15	16	13	26
16	17	13	34
17	18	13	34

	Index	speed	dist
18	19	13	46
19	20	14	26
20	21	14	36
21	22	14	60
22	23	14	80
23	24	15	20
24	25	15	26
25	26	15	54
26	27	16	32
27	28	16	40
28	29	17	32
29	30	17	40
30	31	17	50
31	32	18	42
32	33	18	56
33	34	18	76
34	35	18	84
35	36	19	36
36	37	19	46
37	38	19	68
38	39	20	32
39	40	20	48
40	41	20	52
41	42	20	56
42	43	20	64
43	44	22	66
44	45	23	54
45	46	24	70
46	47	24	92
47	48	24	93
48	49	24	120

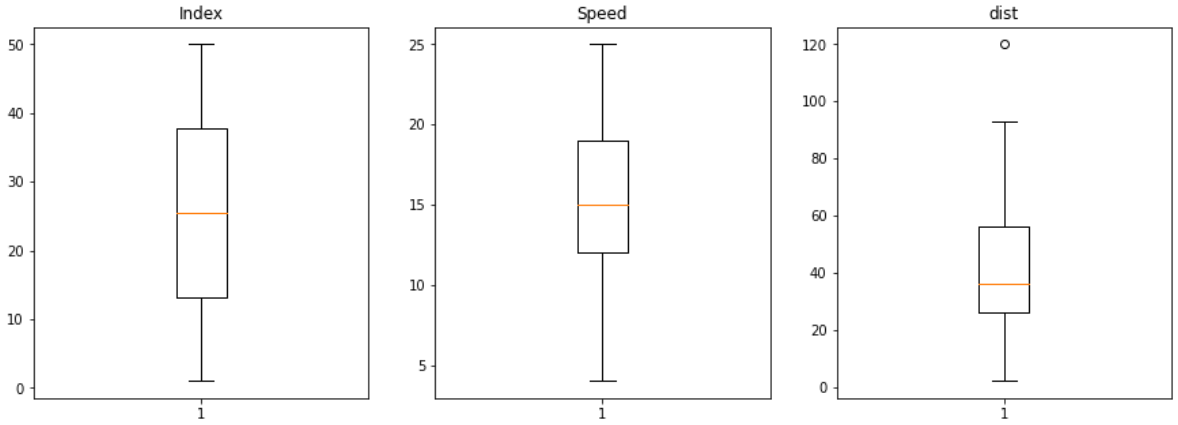
In [13]:
```
#skewness
data.skew()
```

Out[13]:
```
Index    0.000000
speed   -0.117510
dist     0.806895
```

In [14]:
```
# Kurtosis
data.kurt()
```

Out[14]:
```
Index   -1.200000
speed   -0.508994
dist     0.405053
dtype: float64
```

In [21]:
```
f,ax=plt.subplots(figsize=(15,5))
plt.subplot(1,3,1)
plt.boxplot(data.Index)
plt.title('Index')
plt.subplot(1,3,2)
plt.boxplot(data.speed)
plt.title('Speed')
plt.subplot(1,3,3)
plt.boxplot(data.dist)
plt.title('dist')
plt.show()
```



In [ ]: