```
#Data Visualization using Python Essentials | Day 2 | LetsUpgrade


#DAY 2  ASSIGNMENT


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import pandas as pd


import numpy as np


import matplotlib as mpl


import matplotlib.pyplot as plt


import seaborn as sns


%matplotlib inline


from numpy.random import randn , randint , uniform , sample


df=pd.DataFrame(randn(10,4), columns=['a','b','c','d'])
df
```
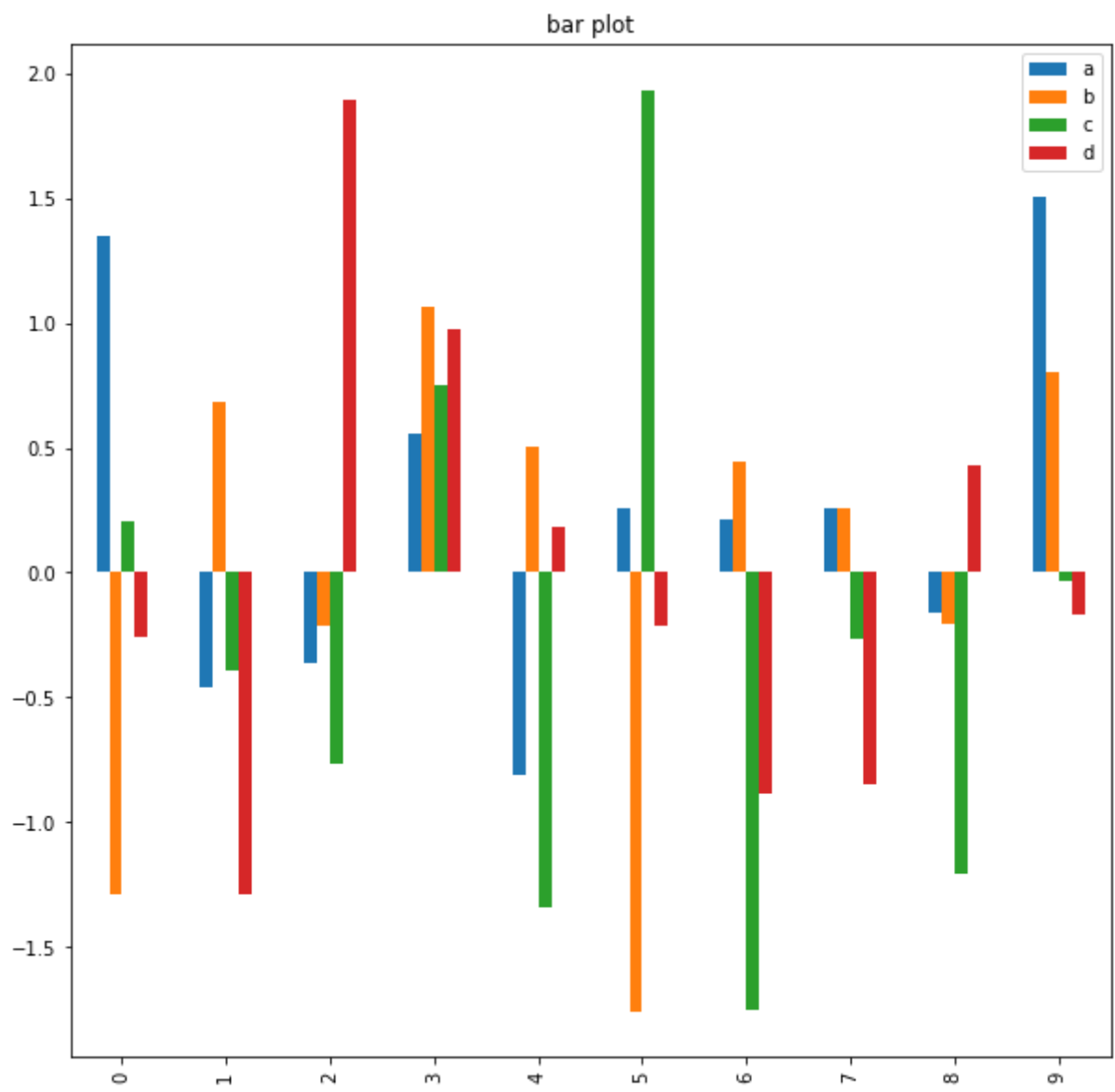
	a	b	c	d
0	0.400224	1.082871	-0.291220	0.645502
1	0.902099	-0.825473	-1.149519	0.320288
2	-0.349012	-0.174298	0.652414	-1.433809
3	-2.082973	0.303107	3.067295	2.557814
4	-1.261265	1.121022	0.333368	-0.321491
5	0.645854	-1.718044	-1.274233	-2.693047
6	1.125014	0.406016	0.865082	0.250380
7	-1.305265	-0.233688	-0.003002	-0.190029
8	0.291521	-0.379996	-0.718368	0.645798
9	-0.273944	-0.443304	-0.486078	-0.924321

```
df.plot(kind='bar',figsize=(10,10))
plt.title("bar plot")
plt.show()
```

bar plot