In [1]:
```
# Date:- 07/07/2021
# Assignment 2
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```

In [2]:
```
import numpy as np
import matplotlib as mpl
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
%matplotlib inline
from numpy.random import randn, randint, uniform, sample
```

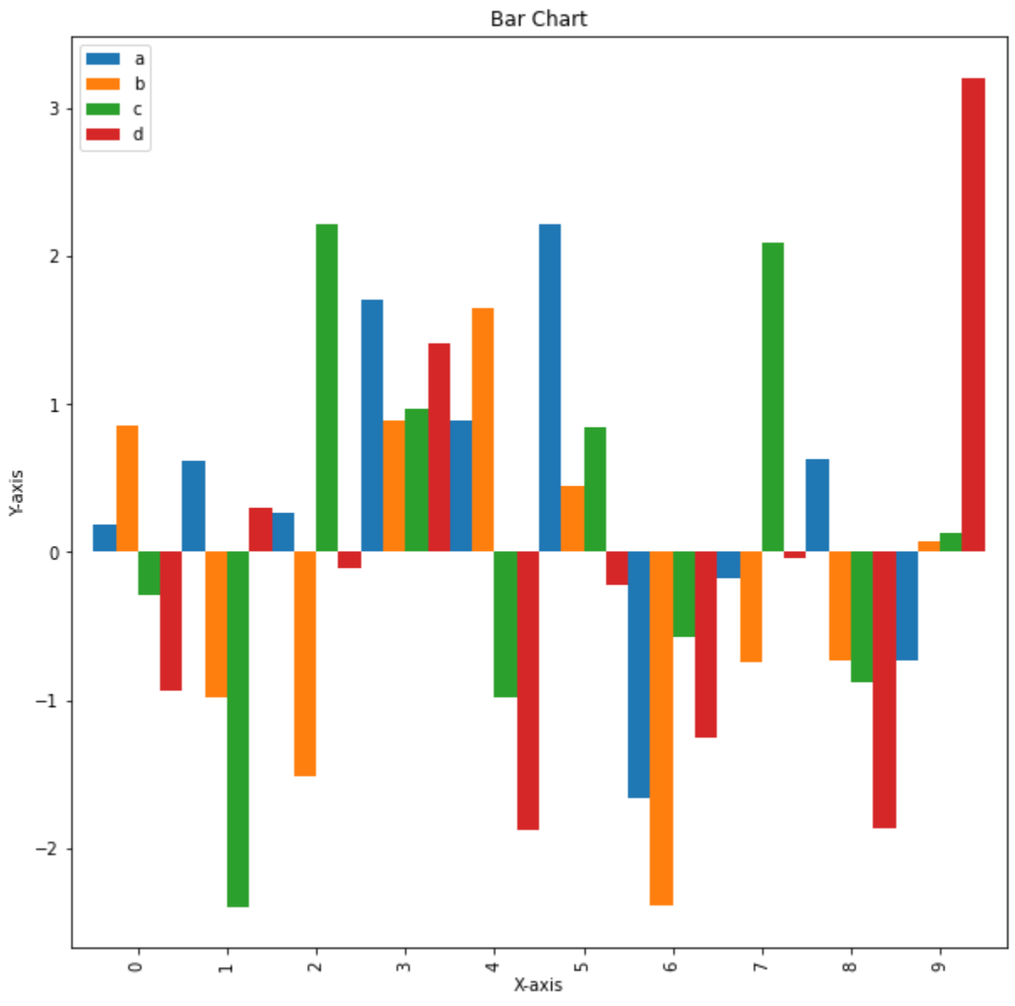
In [8]:
```
df = pd.DataFrame(randn(10,4),columns=['a','b','c','d'])
df
```

Out[8]:

	a	b	c	d
0	0.191815	0.850858	-0.286871	-0.932099
1	0.621792	-0.985258	-2.394262	0.304671
2	0.267796	-1.518181	2.217474	-0.109755
3	1.705660	0.886823	0.965019	1.407820
4	0.891398	1.649262	-0.980892	-1.874810
5	2.214546	0.447396	0.847223	-0.218158
6	-1.656892	-2.383028	-0.572732	-1.251825
7	-0.172700	-0.736995	2.086612	-0.035006
8	0.625316	-0.735768	-0.879095	-1.863634
9	-0.727474	0.073457	0.132460	3.207269

In [11]:
```
df.plot(kind='bar',width=1,figsize=(10,10))
plt.title("Bar Chart")
plt.xlabel("X-axis")
plt.ylabel("Y-axis")
```

Out[11]:
```
Text(0, 0.5, 'Y-axis')
```



In [ ]: