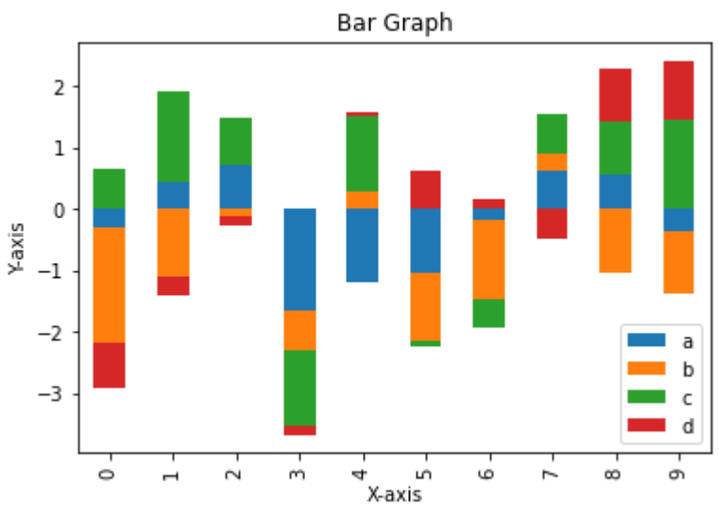
In [8]:
```
import numpy as np
import pandas as pd
import seaborn as sns

import matplotlib as mpl
import matplotlib.pyplot as plt
%matplotlib inline
```

In [14]:
```
#Assignment 1
df = pd.DataFrame(randn(10,4), columns=['a', 'b', 'c', 'd'])
df
```

Out[14]:

	a	b	c	d
0	-0.290709	-1.893994	0.668201	-0.728878
1	0.450696	-1.089808	1.468330	-0.313246
2	0.705654	-0.114342	0.791776	-0.162566
3	-1.635006	-0.659459	-1.224984	-0.143640
4	-1.197042	0.289410	1.237717	0.045407
5	-1.044333	-1.089112	-0.089620	0.616792
6	-0.166345	-1.294468	-0.464987	0.177139
7	0.631986	0.279923	0.642322	-0.474618
8	0.562876	-1.029498	0.877480	0.858255
9	-0.352938	-1.030121	1.456016	0.958300

In [15]:
```
df.plot.bar(stacked = True);
plt.title('Bar Graph')
plt.ylabel('Y-axis')
plt.xlabel('X-axis')
plt.legend()
plt.show()
```



In [ ]:

In [ ]: