In [55]:
```
import yfinance  as yf
```

In [56]:
```
tesla = yf.Ticker("TSLA")
```

In [57]:
```
te=tesla.history(period="max")
te.reset_index(inplace=True)
te.head(5)
```

Out[57]:

	Date	Open	High	Low	Close	Volume	Dividends	Stock Splits
0	2010-06-29	3.800	5.000	3.508	4.778	93831500	0	0.0
1	2010-06-30	5.158	6.084	4.660	4.766	85935500	0	0.0
2	2010-07-01	5.000	5.184	4.054	4.392	41094000	0	0.0
3	2010-07-02	4.600	4.620	3.742	3.840	25699000	0	0.0
4	2010-07-06	4.000	4.000	3.166	3.222	34334500	0	0.0

In [58]:
```
import requests
import pandas as pd
```

In [59]:
```
url='https://www.macrotrends.net/stocks/charts/TSLA/tesla/revenue'
soup=requests.get(url).text
tes=pd.read_html(str(soup))[1]
tesla = tes.dropna()
tesla.columns = ['Date','Revenue']
tesla["Date"]=[int(i[:4]) for i in tesla.iloc[:,0]]
li=list()
for i in tesla.iloc[:,1]:
    j=i.replace( ',',"")
    li.append(int(j[1:]))
tesla["Revenue"]=li

tesla.tail()
```

```
C:\Users\VIPINK~1\AppData\Local\Temp/ipykernel_5552/1455570953.py:6: SettingWithCopy
Warning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/u
ser_guide/indexing.html#returning-a-view-versus-a-copy
  tesla["Date"]=[int(i[:4]) for i in tesla.iloc[:,0]]
C:\Users\VIPINK~1\AppData\Local\Temp/ipykernel_5552/1455570953.py:11: SettingWithCop
yWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/u
ser_guide/indexing.html#returning-a-view-versus-a-copy
  tesla["Revenue"]=li
```

Out[59]:

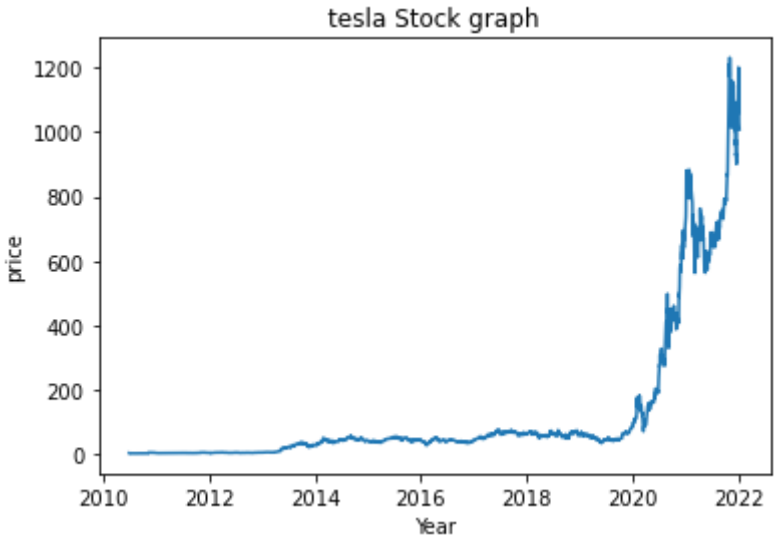
	Date	Revenue
44	2010	31

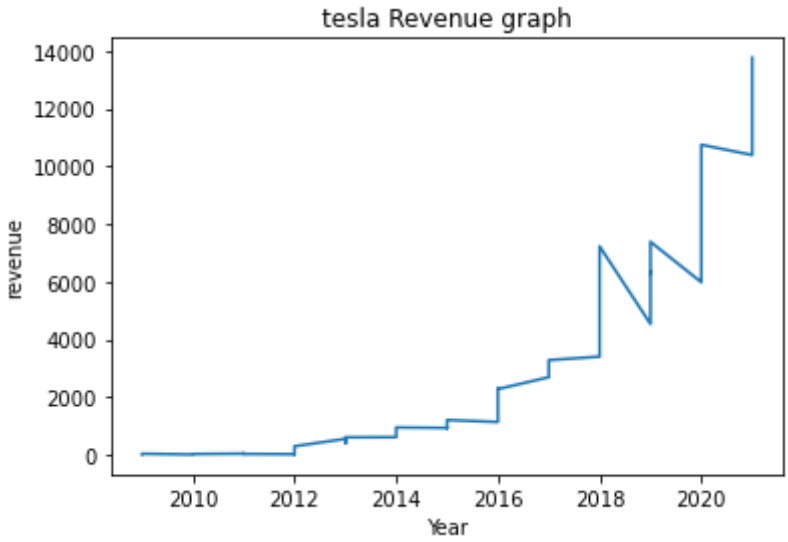
	Date	Revenue
45	2010	28
46	2010	21
48	2009	46
49	2009	27

In [ ]:

In [60]:
```
import matplotlib.pyplot as plt
def make_graph(x,y,z,a,b):
    plt.plot(x, y)
    plt.xlabel(a)
    plt.ylabel(b)
    plt.title(z)
    plt.show()

make_graph(te.iloc[:,0],te.iloc[:,4],"tesla Stock graph","Year","price")
make_graph(tesla.iloc[:,0],tesla.iloc[:,1],"tesla Revenue graph","Year","revenue")
```





In [61]:
```
import yfinance  as yf
```

In [62]:
```
gamestop = yf.Ticker("GME")
```

In [63]:
```
games=gamestop.history(period="max")
games.reset_index(inplace=True)
games.head(5)
```

Out[63]:

	Date	Open	High	Low	Close	Volume	Dividends	Stock Splits
0	2002-02-13	6.480513	6.773399	6.413183	6.766666	19054000	0.0	0.0
1	2002-02-14	6.850830	6.864296	6.682505	6.733002	2755400	0.0	0.0
2	2002-02-15	6.733002	6.749834	6.632007	6.699337	2097400	0.0	0.0
3	2002-02-19	6.665671	6.665671	6.312188	6.430016	1852600	0.0	0.0
4	2002-02-20	6.463681	6.648839	6.413183	6.648839	1723200	0.0	0.0

In [64]:
```
import requests
import pandas as pd
```

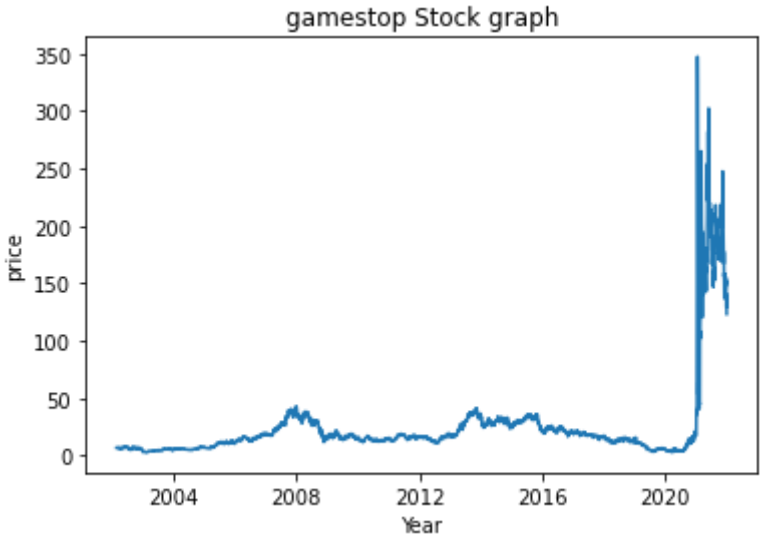
In [65]:
```
url="https://www.macrotrends.net/stocks/charts/GME/gamestop/revenue"
soup=requests.get(url).text
game=pd.read_html(str(soup))[1]
game = game.dropna()
game.columns = ['Date','Revenue']
game["Date"]=[int(i[:4]) for i in game.iloc[:,0]]
li=list()
for i in game.iloc[:,1]:
    j=i.replace( ',',"")
    li.append(int(j[1:]))
game["Revenue"]=li
game.tail()
```

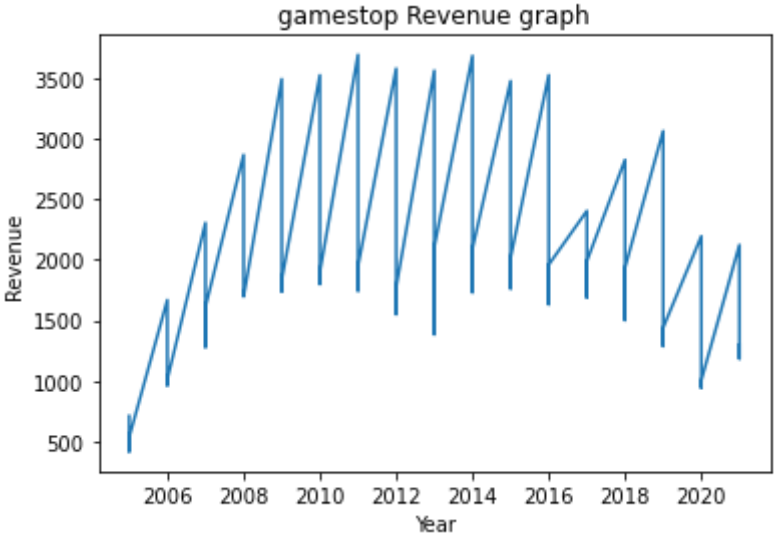
Out[65]:

	Date	Revenue
63	2006	1667
64	2005	534
65	2005	416
66	2005	475
67	2005	709

In [66]:
```
import matplotlib.pyplot as plt
def make_graph(x,y,z,a,b):
    plt.plot(x, y)
    plt.xlabel(a)
    plt.ylabel(b)
    plt.title(z)
    plt.show()

make_graph(games.iloc[:,0],games.iloc[:,4],"gamestop Stock graph","Year","price")
make_graph(game.iloc[:,0],game.iloc[:,1],"gamestop Revenue graph","Year","Revenue")
```





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