

```
In [19]: import numpy as np  
import pandas as pd  
import matplotlib.pyplot as plt
```

```
In [20]: stock_data = pd.read_csv('results.csv')
```

```
In [21]: stock_data
```

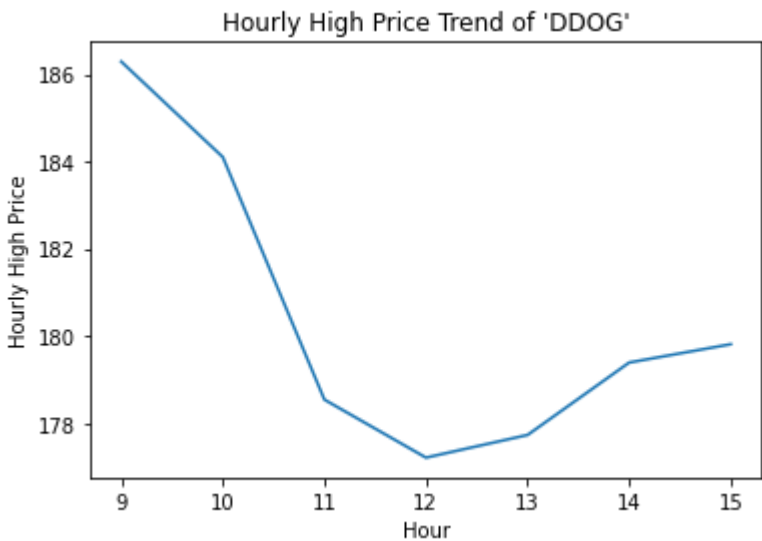
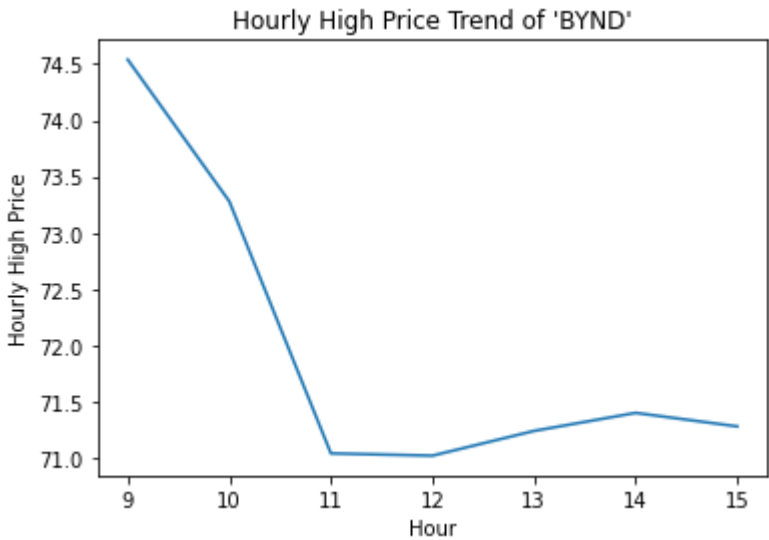
Out[21]:

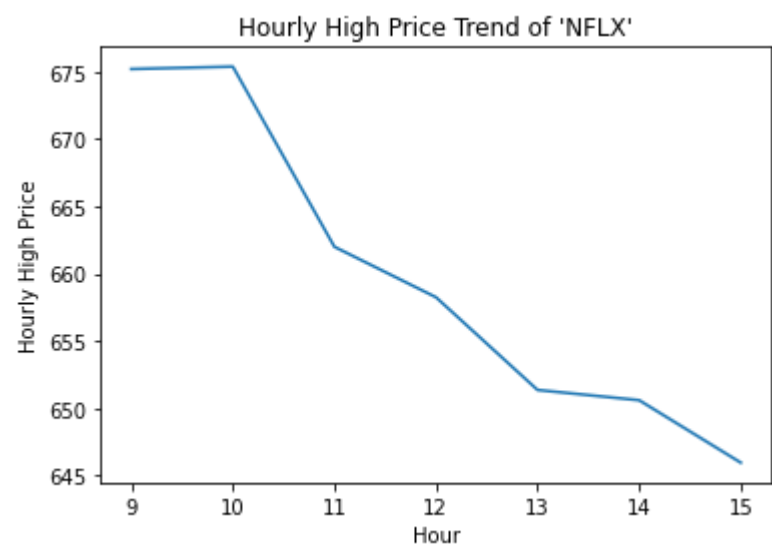
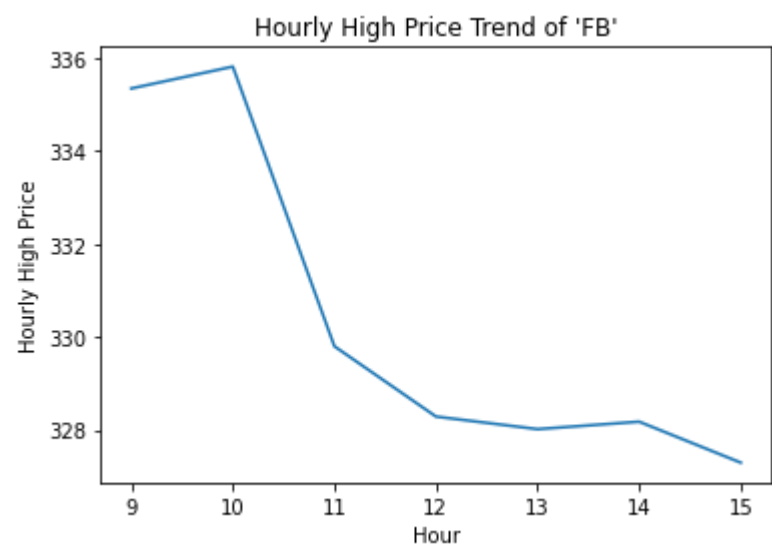
	Company	High	Hour	DateTime
0	BYND	74.54	9	2021-11-30 09:35:00-05:00
1	BYND	73.28	10	2021-11-30 10:00:00-05:00
2	BYND	71.04	11	2021-11-30 11:20:00-05:00
3	BYND	71.02	12	2021-11-30 12:30:00-05:00
4	BYND	71.24	13	2021-11-30 13:55:00-05:00
...
65	TTD	105.83	11	2021-11-30 11:00:00-05:00
66	TTD	103.85	12	2021-11-30 12:00:00-05:00
67	TTD	104.69	13	2021-11-30 13:55:00-05:00
68	TTD	105.12	14	2021-11-30 14:00:00-05:00
69	TTD	104.68	15	2021-11-30 15:40:00-05:00

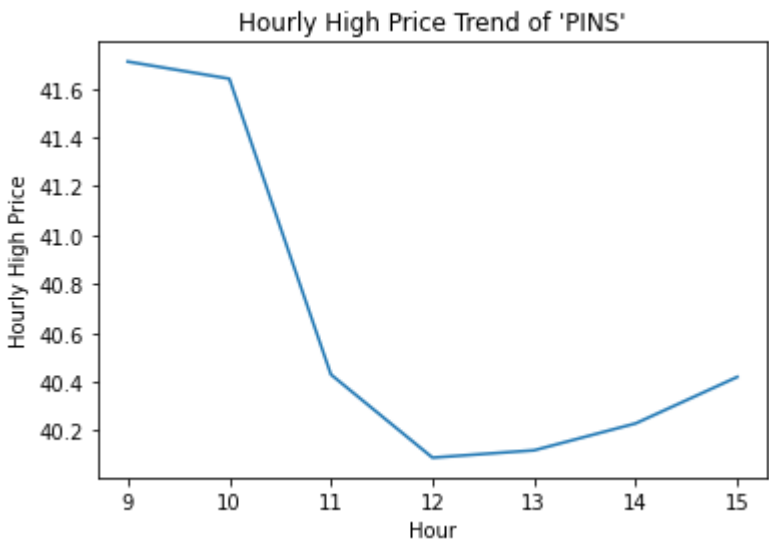
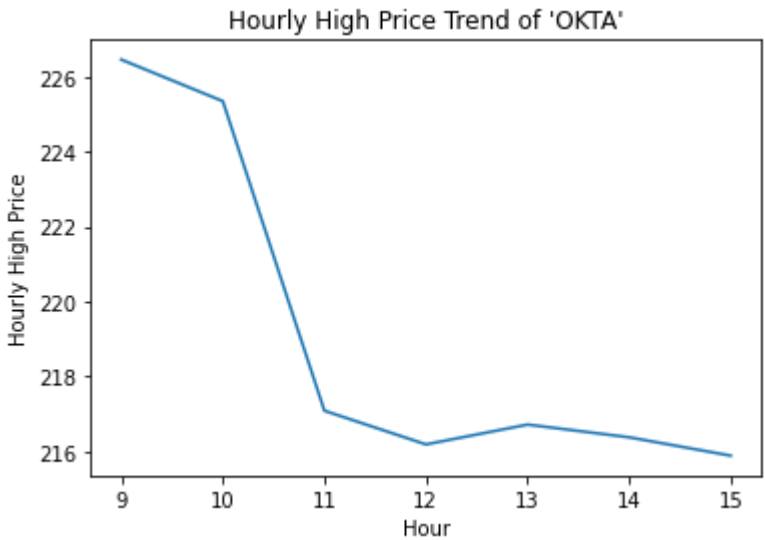
70 rows × 4 columns

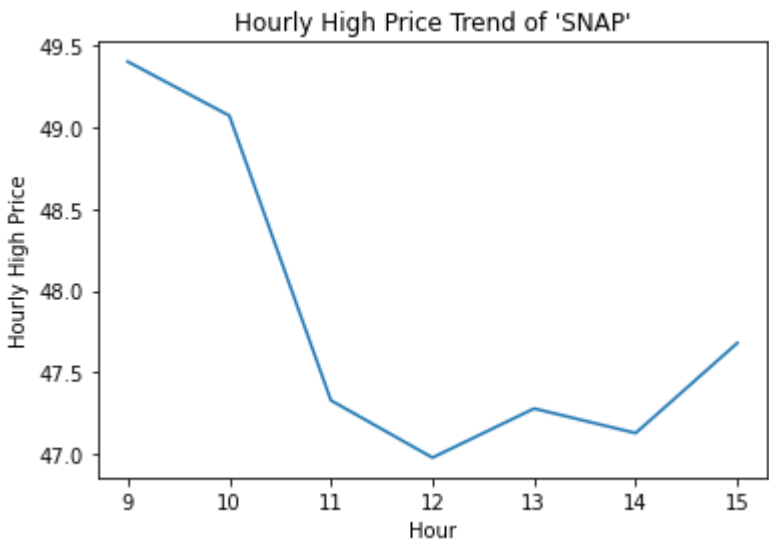
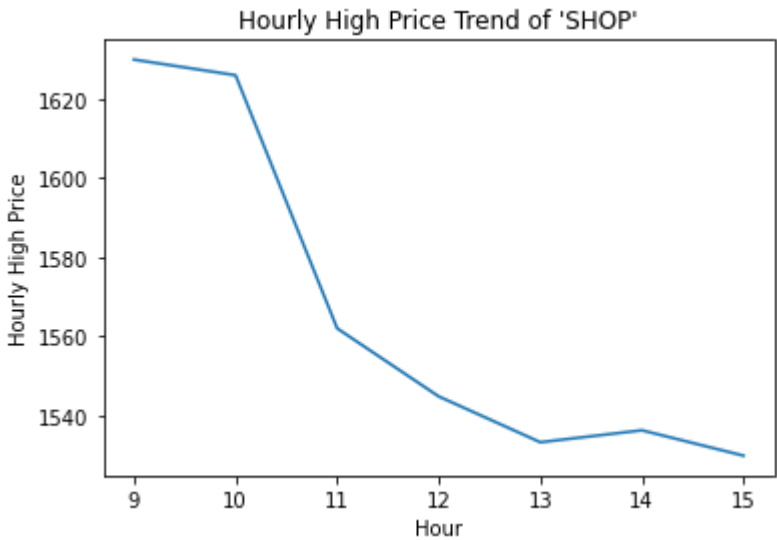
Hourly High Price Trend

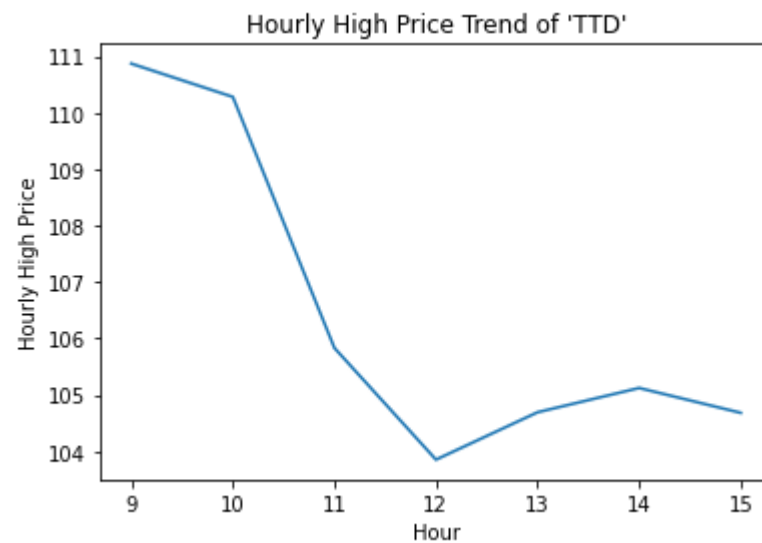
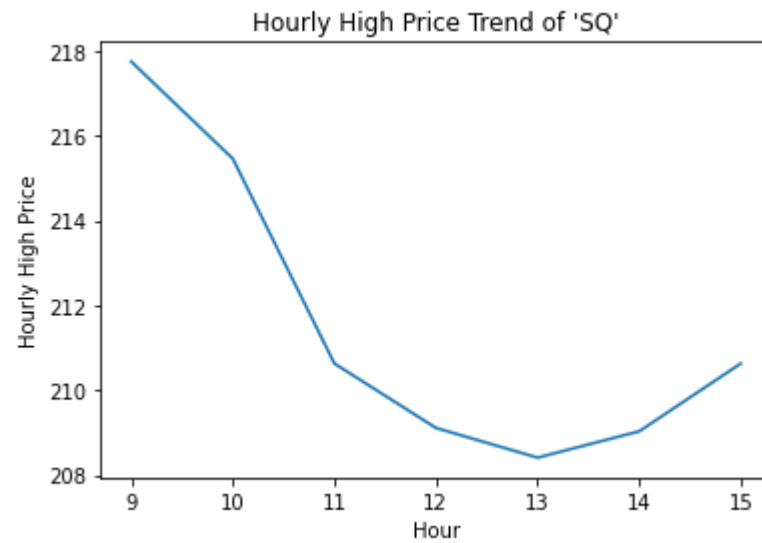
```
In [22]: company_arr = stock_data['Company'].unique()
for company in company_arr:
    plot_df = stock_data[stock_data['Company'] == company]
    plt.plot(plot_df.Hour, plot_df.High)
    plt.title(f"Hourly High Price Trend of '{company}'")
    plt.xlabel("Hour")
    plt.ylabel("Hourly High Price")
    plt.show()
```











In []:

Highest Price on Nov 30th, 2021

```
In [23]: highest_df = stock_data.groupby('Company').max()['High'].to_frame()
```

```
In [24]: plt.bar(highest_df.index, highest_df.High)
plt.title("Highest Price on Nov 30th, 2021")
plt.xlabel("Stock")
plt.ylabel("Price")
plt.show()
```

