

Inputs

In [1]:

```
BuyDip = -200 #float(input("Sell if % Decrease Over(negative decimal input): "))
SellProfit = 200 #float(input("Sell if % Increase Over(decimal input): "))
BuyChange = float(input("Buy if % Decrease Over(negative decimal input): "))
SellChange = float(input("Sell if % Increase Over(decimal input): "))
days = int(input("Days to take avg over: "))
```

data organization and initial analysis

In [2]:

```
import numpy as np
import pandas as pd
import statsmodels.api as sm
import matplotlib.pyplot as plt
from sklearn.metrics import r2_score
from sklearn.linear_model import LinearRegression
from sklearn.model_selection import train_test_split

# importing data set
df = pd.read_csv('Bitcoin Historical Data.csv')

# fixing dataset so that it can be interpreted by the model
df['Price'] = df['Price'].str.replace(',', '')
df['Open'] = df['Open'].str.replace(',', '')
df['High'] = df['High'].str.replace(',', '')
df['Low'] = df['Low'].str.replace(',', '')
df['Change %'] = df['Change %'].str.replace('%', '')

df['Price'] = df['Price'].astype(float)
df['Open'] = df['Open'].astype(float)
df['High'] = df['High'].astype(float)
df['Low'] = df['Low'].astype(float)
df['Change %'] = df['Change %'].astype(float)

df['Vol.'] = df['Vol.'].str.replace(',', '')
df['Vol.'] = df['Vol.'].str.replace('K', '')
df['Vol.'] = df['Vol.'].str.replace('M', '')
df['Vol.'] = df['Vol.'].str.replace('B', '')
df['Vol.'] = df['Vol.'].astype(float)
df['Vol.'] = df['Vol.'] * 1000

df['Date'] = pd.to_datetime(df['Date'])
df = df.sort_values('Date')

df = df.reset_index(drop=True)

df['Fake_Index'] = np.array([i for i in range(0, len(df))])

df['Change %'] = df['Change %'] < 100
```

```

df['Change %'] = df['Change %'] / 100

#df['Fake_Index'] = np.array([i for i in range(5,len(df))])
#calculate 5-day moving avg
df['MAD'] = df['Price'].rolling(window=days).mean()

buy_sell = []
position = 0

for i in range(len(df)):
    if i < days-1:
        # For the first few rows where SMA is not available
        buy_sell.append('Pass')
        df.loc[i, 'MAD'] = 0
        continue

#Make sure the buy fits within the 5-day moving avg
for i in range(days-1, len(df)):
    price = df.loc[i, 'Price']
    sma5 = df.loc[i, 'MAD']

    avg = ((price - sma5)/sma5)

    if pd.isna(sma5):
        buy_sell.append('Pass')
        continue

    # logic to determine whether a user should have bought or sold on this given day, originally derived later in
    if position == 0 and (avg < BuyChange):
        position = 1 # Buy Bitcoin
        #print((price - sma5)/sma5)
        buy_sell.append(('Buy'))
    elif position > 0 and (avg > SellChange):
        position = 0 # Sell Bitcoin
        #print((price - sma5)/sma5)
        buy_sell.append(('Sell'))
    else:
        buy_sell.append('Pass') #hold do nothing

df['BuySell'] = buy_sell
df = df[['Fake_Index', 'Date', 'Open', 'High', 'Low', 'Vol.', 'MAD', 'Price', 'BuySell']]

```

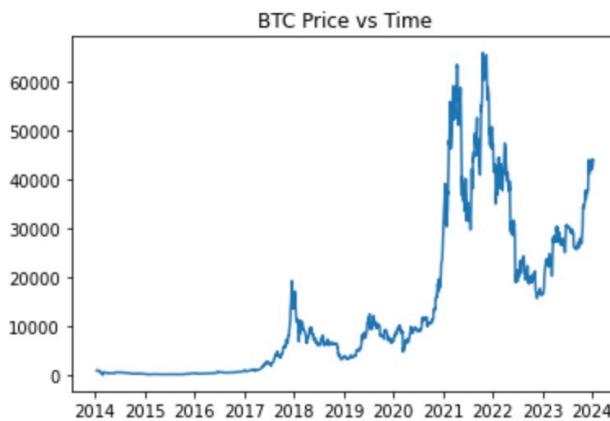
```
/Users/jamesmarini/opt/anaconda3/lib/python3.9/site-packages/scipy/_init__.py:146: UserWarning: A NumPy version >
=1.16.5 and <1.23.0 is required for this version of SciPy (detected version 1.26.4
warnings.warn(f"A NumPy version >={np_minversion} and <{np_maxversion}"
```

In [8]:

```
plt.plot(df['Date'], df['Price'])
plt.title('BTC Price vs Time')
```

Out[8]: Text(0.5, 1.0, 'BTC Price vs Time')

BTC Price vs Time



modeling

In [3]:

```
X = df[['Fake_Index', 'Open', 'High', 'Low', 'Vol.', 'MAD']] # features (can be changed, r^2 doesn't change much)
y = df['Price'] # target

X_train, X_test, y_train, y_test = train_test_split(X, y, random_state=100, test_size=0.50)

model = LinearRegression() # linearity of dataset made it pretty easy to use a linear model to predict the prices
model.fit(X_train, y_train)

y_pred = model.predict(X_test)
print(r2_score(y_test, y_pred))
```

0.9995677177365714

In [4]:

```
y_pred = pd.Series(y_pred)
y_test = pd.Series(y_test)

train_data = pd.concat([X_train,y_train], axis=1)
train_data.drop(columns='Fake_Index', inplace=True)

orig_index = y_test.index.to_list()
y_test.reset_index(drop=True, inplace=True)

results = pd.concat([y_pred,y_test], axis=1, ignore_index=True)
results['Index'] = orig_index
results.set_index('Index', inplace=True)

results_new = pd.concat([results,X_test], axis=1)
results_new.rename(columns={0:'Predicted'}, inplace=True)
results_new.rename(columns={1:'Actual'}, inplace=True)

final = pd.merge(results_new, df['Date'], left_index=True, right_index=True, how='inner')
final.drop(columns='Fake_Index', inplace=True)
```

```
final = final.sort_values('Date')
final = final.reset_index(drop=True)
```

logic to determine whether to buy or sell for new predicted prices

In [5]:

```
buy_sell_actual = []
final.rename(columns={'Predicted':'Price'}, inplace=True)

for i in range(len(final)):
    if i < days-1:
        # For the first few rows where SMA is not available
        buy_sell_actual.append('Pass')
        continue

    #Make sure the buy fits within the 5-day moving avg
    for i in range(days-1, len(final)):
        price = final.loc[i, 'Price']
        sma5 = final.loc[i, 'MAD']

        if sma5 == 0:
            buy_sell_actual.append('Pass')
            continue

        # logic to determine whether a user should have bought or sold on this given day, originally derived later in
        if position == 0 and (((price - sma5) / sma5) <= BuyChange):
            position = 1 # Buy Bitcoin
            buy_sell_actual.append('Buy')
        elif position == 0 and (((price - sma5) / sma5) <= BuyChange):
            position = 1 # Buy Bitcoin
            buy_sell_actual.append('Buy')
        elif position > 0 and (((price - sma5) / sma5) >= SellChange):
            position = 0 # Sell Bitcoin
            buy_sell_actual.append('Sell')
        else:
            buy_sell_actual.append('Pass') #hold do nothing

    #for i in range(len(final)):
    #if (final['Predicted'].iloc[i] > final['Open'].iloc[i]) and (abs(final['Predicted'].iloc[i] - final['Open'].iloc[i]) >= 0.05):
    #    #buy_sell_pred.append('sell')
    #else:
    #    # buy_sell_pred.append('buy')

    #if final['Actual'].iloc[i] > final['Open'].iloc[i] and (abs(final['Predicted'].iloc[i] - final['Open'].iloc[i]) >= 0.05):
    #    # buy_sell_actual.append('sell')
    #else:
    #    #buy_sell_actual.append('buy')
final['BuySell'] = buy_sell_actual

final = final[['Date', 'Open', 'High', 'Low', 'Vol.', 'MAD', 'Price', 'BuySell']]
```

```

make sure the buy/sell within the 5 day moving avg
for i in range(days-1, len(final)):
    price = final.loc[i, 'Price']
    sma5 = final.loc[i, 'MAD']

    if sma5 == 0:
        buy_sell_actual.append('Pass')
        continue

    # logic to determine whether a user should have bought or sold on this given day, originally derived later in
    if position == 0 and (((price - sma5) / sma5) <= BuyChange):
        position = 1 # Buy Bitcoin
        buy_sell_actual.append('Buy')
    elif position == 0 and (((price - sma5) / sma5) <= BuyChange):
        position = 1 # Buy Bitcoin
        buy_sell_actual.append('Buy')
    elif position > 0 and (((price - sma5) / sma5) >= SellChange):
        position = 0 # Sell Bitcoin
        buy_sell_actual.append('Sell')
    else:
        buy_sell_actual.append('Pass') #hold do nothing

#for i in range(len(final)):
#    if (final['Predicted'].iloc[i] > final['Open'].iloc[i]) and (abs(final['Predicted'].iloc[i] - final['Open'].iloc[i]) >= BuyChange):
#        #buy_sell_pred.append('sell')
#    else:
#        # buy_sell_pred.append('buy')

#    if final['Actual'].iloc[i] > final['Open'].iloc[i] and (abs(final['Predicted'].iloc[i] - final['Open'].iloc[i]) >= SellChange):
#        # buy_sell_actual.append('sell')
#    else:
#        #buy_sell_actual.append('buy')
final['BuySell'] = buy_sell_actual

final = final[['Date', 'Open', 'High', 'Low', 'Vol.', 'MAD', 'Price', 'BuySell']]
df.drop(columns=['Fake_Index'], inplace=True)

df = df[~df['Date'].isin(final['Date'])].reset_index(drop=True)

#final.rename(columns={'BuySell_actual':'BuySell'}, inplace=True)

```

Data Organization

In [6]:

```

actual_advice = df
predicted_buy_sell_advice = final
final.to_csv("main_data.csv", index = False)
df.to_csv("test_data.csv", index = False)

```

main_data

Date	Open	High	Low	Vol.	MAD	Price	BuySell
2014-01-09	938.8	964.6	866.5	14420.0	0.0	895.937034746496	Pass
2014-01-10	937.0	964.8	905.9	6350.0	0.0	921.0437706088270	Pass
2014-01-14	922.9	942.5	904.2	4310.0	0.0	907.2809096999570	Pass
2014-01-17	913.5	929.8	867.2	10310.0	0.0	878.2946522244710	Pass
2014-01-19	905.7	958.1	901.9	7570.0	935.45	945.9833319401470	Pass
2014-01-21	956.0	974.3	943.2	6590.0	930.96	958.4078828715530	Pass
2014-01-24	944.2	949.5	902.9	6200.0	933.93	917.8602044726070	Pass
2014-01-25	916.5	978.4	915.9	8180.0	935.9100000000000	967.1831215522290	Pass
2014-01-28	943.5	972.6	911.7	10410.0	952.89	944.9543567635830	Pass
2014-02-01	938.8	969.2	927.8	4370.0	945.1200000000000	954.1138970583510	Pass
2014-02-03	953.3	959.6	931.7	2790.0	947.55	939.8941805406750	Pass
2014-02-05	926.6	939.8	890.0	7560.0	933.86	910.7300012657560	Buy
2014-02-06	904.5	908.8	800.9	18600.0	922.4	840.1243033888150	Pass
2014-02-07	828.9	833.1	651.7	49910.0	898.7	720.5831511089920	Pass
2014-02-08	695.7	719.3	632.1	22880.0	871.01	676.8483882524460	Pass
2014-02-09	648.8	694.1	622.5	19890.0	842.8300000000000	672.9610715202110	Pass
2014-02-14	451.4	500.0	302.2	65820.0	630.9300000000000	404.1109829173270	Pass
2014-02-18	272.3	370.1	248.3	48880.0	446.86	346.80856799915700	Pass
2014-02-20	261.5	271.6	109.2	102180.0	359.98	175.6476473919370	Pass
2014-02-21	111.9	160.1	91.7	82590.0	313.24	143.6436446222850	Pass
2014-02-22	111.6	290.6	96.7	72170.0	285.69	266.24141154720000	Pass
2014-02-26	135.8	650.0	522.8	600.0	252.0	840.5763286456950	Sell
2014-03-04	662.2	686.2	645.2	1370.0	480.95	666.2784716310860	Pass
2014-03-05	661.8	666.0	636.8	1260.0	515.76	643.5374122083990	Pass
2014-03-06	658.3	661.8	636.2	2070.0	563.1900000000000	642.0424032124850	Pass
2014-03-07	648.3	655.2	600.3	2340.0	611.28	620.6299157570980	Pass
2014-03-13	619.4	636.1	616.1	3410.0	628.74	628.5965446282960	Pass
2014-03-15	614.0	628.8	609.2	3460.0	620.53	620.5328506714790	Pass
2014-03-18	606.4	611.7	585.7	3650.0	615.55	594.7331676714550	Buy
2014-03-19	598.9	607.1	590.1	3580.0	612.35	597.1790642843890	Pass
2014-03-21	566.0	587.4	540.2	3820.0	601.74	566.6988541236380	Pass
2014-03-23	564.3	564.3	538.6	4130.0	588.85	545.2486891957810	Pass
2014-03-24	551.2	572.5	531.3	3670.0	584.21	555.4001358313940	Pass
2014-03-25	567.6	569.7	550.4	3870.0	578.1	555.341526605965	Pass

2014-03-30	477.1	479.0	424.0	3860.0	522.5200000000000	444.1205768231470	Pass
2014-04-03	424.4	448.7	386.7	4020.000000000000	476.14	421.6183278399720	Pass
2014-04-04	436.3	456.5	415.5	2570.0	464.2900000000000	439.5008468250000	Pass
2014-04-09	466.6	479.7	451.1	3880.0	451.1900000000000	465.5435281132230	Sell
2014-04-10	457.3	463.5	384.6	3650.0	445.18	415.5734255463290	Buy
2014-04-12	435.1	469.8	428.0	5190.0	443.66	459.46300847436100	Sell
2014-04-13	437.6	454.1	409.9	4970.0	442.7900000000000	432.804421041004	Buy
2014-04-14	427.6	497.8	420.1	7620.0	446.1900000000000	484.4243020171980	Sell
2014-04-16	526.4	549.0	496.1	8060.000000000000	461.3	523.8658974762710	Pass
2014-04-17	537.0	537.0	486.9	8000.0	465.2600000000000	501.6525499292270	Pass
2014-04-22	495.2	520.5	483.4	5680.0	494.45	507.6595658928430	Pass
2014-04-23	487.9	510.0	482.3	4740.0	500.4200000000000	501.45965423217200	Pass
2014-04-24	487.3	507.3	477.2	4230.0	502.6100000000000	496.2919063376350	Buy
2014-04-25	500.3	502.5	438.3	6450.0	496.4200000000000	461.2479852830700	Pass
2014-04-26	464.5	468.7	448.6	6890.0	488.5100000000000	455.7186112959430	Pass
2014-04-29	441.9	453.8	430.7	3720.0	472.2800000000000	443.32657608038700	Pass
2014-05-02	460.1	463.4	442.0	3380.0	460.0600000000000	448.872830970663	Pass
2014-05-03	453.7	454.2	429.1	2580.0	455.1900000000000	436.0731475917340	Pass
2014-05-04	438.6	446.6	428.8	3370.0	448.7600000000000	436.97649587535000	Pass
2014-05-05	436.0	443.9	426.4	3040.0	445.4	434.41631788431900	Pass
2014-05-06	430.9	435.0	420.2	4190.0	442.8300000000000	425.2133297769710	Pass
2014-05-07	432.2	458.8	423.5	5030.0	443.16	448.30226515647100	Sell
2014-05-10	445.5	459.5	441.4	450.0	443.65	452.65572679586000	Pass
2014-05-12	433.2	441.1	430.2	1390.0	439.41	435.61190509246900	Pass
2014-05-13	438.2	442.3	432.7	2650.0	438.9400000000000	435.4701083404540	Pass
2014-05-15	442.6	450.0	441.5	2170.0	441.32	445.5059481901590	Pass
2014-05-19	450.1	451.7	441.2	1350.0	444.8300000000000	442.9135273894370	Pass
2014-05-23	515.4	540.9	515.2	2760.0	469.8	534.2955835060160	Pass
2014-05-27	582.0	586.2	555.3	3350.0	514.39	564.6737715088400	Pass
2014-05-30	564.4	613.3	564.0	6210.0	551.28	604.882441163135	Pass
2014-06-04	669.4	669.8	602.1	5600.0	614.1100000000000	623.8702521174440	Pass
2014-06-05	638.9	665.4	635.6	2760.0	621.93	656.7608278867050	Pass
2014-06-07	650.4	659.8	641.0	1970.0	638.05	648.958970354509	Pass
2014-06-08	651.7	658.9	648.7	3310.0	646.7100000000000	652.188980739362	Pass
2014-06-09	651.0	652.1	639.1	3260.0	649.9100000000000	640.6117331422630	Buy
2014-06-10	644.3	661.4	641.7	3560.0	652.68	654.3785394731660	Pass

2014-06-11	655.6	663.0	642.3	3800.0	652.0	650.067596104639	Pass
2014-06-12	643.0	643.8	591.1	4590.0	646.1600000000000	608.3290557711330	Pass
2014-06-15	583.4	587.8	560.8	3940.0	626.91	570.7203501921240	Pass
2014-06-17	599.1	608.4	594.9	3000.0	617.12	601.4967266207330	Pass
2014-06-18	605.1	614.4	603.6	3310.0	612.64	608.9022575907920	Pass
2014-06-22	597.0	610.1	592.0	2040.0	597.8	602.1431528466050	Pass
2014-06-24	591.2	595.7	585.4	3080.0	596.4300000000000	588.0631666732100	Pass
2014-06-25	588.8	589.6	566.9	3090.0	595.05	572.6048380063120	Pass
2014-06-26	568.5	582.7	565.8	4150.0	593.41	576.5635930207990	Pass
2014-06-29	597.6	604.3	593.2	2890.0	592.35	597.1242001231160	Pass
2014-07-01	635.1	652.5	634.1	4110.0	601.4000000000000	645.7625745380070	Sell
2014-07-02	643.2	652.1	604.6	4780.0	605.61	623.2946692743240	Pass
2014-07-03	645.7	646.4	633.6	4010.0	610.2900000000000	634.2900271803970	Pass
2014-07-04	638.0	642.2	623.0	3600.0	613.8100000000000	628.3023465373040	Pass
2014-07-05	624.0	627.8	619.7	3250.0	619.26	620.8080640470460	Pass
2014-07-08	613.6	619.7	609.3	3210.0	626.57	612.8914795394480	Buy
2014-07-10	623.0	625.0	611.7	3610.0	627.0900000000000	614.1062766945930	Pass
2014-07-11	618.4	633.6	616.1	3120.0	626.06	627.1310588923580	Pass
2014-07-17	614.8	632.5	610.0	2920.0	623.28	624.3710340073560	Pass
2014-07-18	626.6	630.2	617.9	3350.0	624.5	620.640105283851	Pass
2014-07-19	627.5	634.1	625.1	3960.0	624.9	628.0590565418250	Pass
2014-07-23	622.5	625.0	621.0	2170.0	622.41	619.9695936648680	Pass
2014-07-25	601.9	609.1	597.4	5920.0	618.86	602.1846601778240	Pass
2014-07-26	600.5	603.0	593.3	3480.0	616.98	594.9141458282840	Pass
2014-07-29	587.9	591.3	579.5	6720.0	605.74	582.4279973599160	Pass
2014-07-31	564.6	593.7	564.0	3520.0	596.54	587.8433124244390	Pass
2014-08-02	598.8	598.9	587.4	2120.0	591.1700000000000	588.1204493517180	Pass
2014-08-04	588.9	595.1	586.5	3420.0	589.1	589.3945674039990	Pass
2014-08-05	592.8	594.3	585.4	4090.0	588.3800000000000	585.8575818681010	Pass
2014-08-06	588.8	593.8	587.2	3010.0	587.8600000000000	588.6728203173040	Pass
2014-08-08	592.8	608.2	592.1	3110.0	589.35	602.687422735615	Sell
2014-08-10	589.5	596.6	588.1	1340.0	592.1000000000000	591.5317682505390	Pass
2014-08-16	496.5	524.3	483.2	3870.0	557.92	511.80086833438300	Buy
2014-08-17	522.0	524.7	478.2	3140.0	547.1900000000000	495.16863464738200	Pass
2014-08-18	485.5	493.3	450.0	6380.0	533.8300000000000	468.8564703853380	Pass
2014-08-19	462.2	487.0	455.8	5120.0	523.39	479.0524933247480	Pass

2014-08-20	485.1	521.8	468.5	5890.0	515.86	506.045975866561	Pass
2014-08-22	517.9	524.4	500.6	6030.0	504.9	509.8004154356460	Pass
2014-08-25	509.7	511.3	499.7	2740.0	501.59	501.7276219673470	Pass
2014-08-26	502.9	516.0	501.8	3530.0	500.65	510.9520111147060	Sell
2014-08-27	512.6	527.4	512.7	3790.0	503.62	522.7612545548250	Pass
2014-08-28	515.2	521.6	503.3	4470.0	508.48	510.4432848270600	Pass
2014-08-29	510.8	515.2	506.7	3640.0	511.23	509.08161727325800	Pass
2014-09-01	481.8	487.5	471.8	6790.0	502.65	478.15311205732100	Buy
2014-09-03	478.9	487.3	476.8	6140.0	497.8	482.48998752415200	Pass
2014-09-04	480.0	498.5	476.3	8810.0	496.61	491.77254208339600	Pass
2014-09-08	485.8	487.0	469.5	8140.000000000000	484.45	473.80357502211500	Pass
2014-09-10	474.9	491.0	471.6	8290.0	481.13000000000000	484.5853624650790	Pass
2014-09-13	477.7	480.6	474.6	5280.0	480.96000000000000	475.4244033178580	Pass
2014-09-14	478.2	480.3	472.0	4210.0	479.63	473.31914650000000	Pass
2014-09-15	477.7	479.3	473.7	5630.0	479.04000000000000	473.6528054928690	Pass
2014-09-16	477.7	478.8	464.0	6520.0	477.27	467.29921902913000	Pass
2014-09-17	466.8	469.4	458.3	7510.0	474.8	461.08810111213600	Pass
2014-09-23	404.1	445.5	394.8	17940.0	435.94000000000000	433.960068000655	Pass
2014-09-24	436.9	439.2	422.1	21370.0	430.55	426.67397739897700	Pass
2014-09-25	423.8	427.5	409.6	14630.0	424.01000000000000	415.5791729179930	Pass
2014-09-26	412.3	416.4	399.7	12120.0	417.78000000000000	405.6291157065000	Pass
2014-09-29	379.1	389.3	372.6	20690.0	404.96	382.0096657542430	Pass
2014-09-30	376.8	395.2	374.7	16920.0	402.63	389.9895649091740	Pass
2014-10-02	382.8	385.6	371.2	14300.0	397.85	375.81780823171000	Pass
2014-10-03	375.1	378.2	362.8	16810.0	390.51000000000000	367.95391156467900	Pass
2014-10-05	335.3	344.3	294.9	29850.0	372.72	316.89161618364100	Pass
2014-10-06	322.9	347.9	303.0	41170.0	365.42000000000000	331.37052585602800	Pass
2014-10-08	331.6	351.6	325.4	21770.0	355.86	343.88301977554300	Pass
2014-10-11	361.7	370.1	350.5	13930.0	349.46000000000000	359.7509385172570	Sell
2014-10-13	373.2	391.2	366.0	23580.0	351.65	381.9930821272740	Pass
2014-10-15	397.1	397.9	388.2	22490.0	364.86	388.8245689269920	Pass
2014-10-18	380.5	395.7	373.6	9450.0	378.58000000000000	387.59796275441700	Pass
2014-10-24	355.8	360.9	351.4	20030.0	378.43000000000000	355.44489832687000	Buy
2014-10-25	355.1	356.6	341.5	14040.0	373.78000000000000	345.99452403765400	Pass
2014-10-26	346.7	356.8	344.2	11580.0	370.67000000000000	352.3682000210060	Pass
2014-10-27	348.7	356.4	344.9	10600.0	367.63	351.3138110566840	Pass

2014-10-30	335.1	350.4	333.4	16120.000000000000	354.88	345.8946508486180	Pass
2014-10-31	344.9	348.0	336.1	14000.0	350.43000000000000	339.9893780742360	Pass
2014-11-01	337.9	339.0	320.7	13770.0	345.08000000000000	326.1688344635610	Pass
2014-11-04	324.2	328.8	320.1	15120.0	336.79000000000000	323.70717431357100	Pass
2014-11-06	338.0	351.1	335.7	15650.0	335.48	346.03857857951300	Sell
2014-11-07	347.7	351.6	340.2	15020.0	334.56000000000000	343.95409240911000	Pass
2014-11-13	432.0	480.5	390.9	58200.0	365.43	446.42186870916400	Pass
2014-11-14	428.7	430.2	382.0	35730.0	372.28000000000000	397.44411031817800	Pass
2014-11-15	396.5	407.3	368.0	13330.0	375.97	386.1167395268190	Pass
2014-11-19	379.2	389.3	374.3	19870.0	389.55	382.8663314751880	Buy
2014-11-21	357.3	358.7	343.8	23470.0	387.21000000000000	348.1781946263510	Pass
2014-11-22	351.8	364.2	350.5	12940.0	379.21000000000000	360.3722317481540	Pass
2014-11-23	352.0	370.6	352.6	12410.0	372.93000000000000	367.30162605752000	Pass
2014-11-25	378.9	395.7	370.6	45320.0	371.32	385.69922246321300	Sell
2014-11-26	376.4	378.3	364.0	23980.0	369.3	367.64851660672600	Pass
2014-11-27	365.4	374.4	364.8	13850.0	367.71	370.754233000867	Pass
2014-11-28	368.8	383.3	358.4	43020.0	367.55	372.4565690937250	Pass
2014-11-30	376.3	381.1	372.6	11290.0	368.8	375.78244414105300	Pass
2014-12-01	374.9	383.6	373.0	19670.0	371.48000000000000	378.90611271939800	Pass
2014-12-03	380.6	384.7	373.6	23510.0	375.45	377.1627947254770	Pass
2014-12-04	377.0	380.4	366.2	25330.0	374.54	370.6530191809310	Buy
2014-12-06	377.6	380.3	372.0	11070.0	375.75	374.127899320064	Pass
2014-12-07	376.3	377.9	372.5	8810.0	376.52000000000000	373.008481724766	Pass
2014-12-09	365.0	365.4	343.8	43830.0	372.85	349.41297078597700	Pass
2014-12-11	347.9	367.1	337.8	51080.0	367.06	356.3381743989210	Pass
2014-12-12	347.7	356.4	346.0	26850.0	364.34000000000000	352.16192187028200	Pass
2014-12-13	353.4	353.1	343.8	19540.0	361.46000000000000	344.8642997235720	Pass
2014-12-14	348.2	351.6	344.6	12340.0	359.42000000000000	346.9429597220880	Pass
2014-12-16	345.4	346.5	328.9	38590.0	351.59	333.51115983134700	Pass
2014-12-17	330.2	335.7	314.3	61340.0	345.94000000000000	322.3631349159690	Pass
2014-12-18	320.0	325.6	303.4	60520.0	340.47000000000000	311.9924040375150	Pass
2014-12-19	310.3	320.2	306.4	41710.0	337.03000000000000	314.5368675876290	Pass
2014-12-20	317.8	332.6	316.0	29920.0	335.28	327.9018869700200	Pass
2014-12-23	330.8	339.3	328.0	24070.0	329.22000000000000	334.28140825150100	Sell
2014-12-24	335.3	336.3	320.6	21520.0	326.52000000000000	324.65591068396000	Pass
2014-12-27	330.0	330.7	312.0	21630.0	323.39	317.1633399404720	Buy

2014-12-28	315.3	322.8	310.5	20410.0	324.01	317.0288980548380	Pass
2014-12-30	314.1	316.2	309.3	22780.0	321.73	310.8091753611900	Pass
2014-12-31	311.3	319.1	308.9	20500.0	321.2900000000000000	314.7983792325210	Pass
2015-01-05	264.7	278.3	262.9	54990.0	303.21	273.73361569274600	Pass
2015-01-06	274.8	285.1	271.5	21940.0	299.91	280.47893869379100	Pass
2015-01-07	282.3	296.1	280.7	30670.0	297.39	291.77224038473400	Pass
2015-01-09	282.7	290.6	277.3	20930.0	291.9200000000000000	284.6271211381980	Pass
2015-01-10	288.0	289.3	272.0	14730.0	287.44	277.4551174601310	Pass
2015-01-11	273.4	278.0	263.8	15110.0	282.43	269.9721651582580	Pass
2015-01-12	264.8	273.1	263.3	25390.0	277.84	269.49352972942500	Pass
2015-01-14	221.3	230.9	157.3	170680.0	261.2800000000000000	186.4572575477120	Pass
2015-01-15	164.9	231.3	164.6	124670.0	254.7800000000000000	222.87006089415600	Pass
2015-01-18	199.6	220.7	192.5	40370.0	230.8600000000000000	212.93324255924000	Pass
2015-01-20	215.9	216.6	203.4	37480.0	217.3700000000000000	206.74980256008700	Pass
2015-01-25	248.2	256.4	241.4	50190.0	223.7	248.41957587949500	Sell
2015-01-26	252.1	310.9	251.5	105710.0	229.9300000000000000	301.02253080738900	Pass
2015-01-27	269.2	276.9	247.3	50260.0	236.3	259.6134240119190	Pass
2015-01-28	263.3	267.7	228.1	63770.0	238.8600000000000000	242.5067118047800	Pass
2015-01-29	236.2	241.5	220.4	54490.0	240.67	228.81107313057700	Buy
2015-01-30	234.0	244.8	227.2	48230.0	242.7900000000000000	237.32802140513000	Pass
2015-02-01	218.5	231.4	209.7	41160.0	241.08	223.0599012569880	Pass
2015-02-04	227.4	230.7	220.2	55240.0	237.1200000000000000	223.49245082404900	Pass
2015-02-09	223.7	225.0	215.7	91690.0	224.7900000000000000	216.4087033537370	Pass
2015-02-11	219.7	223.5	217.3	71730.0	224.26	218.68025829403700	Pass
2015-02-12	218.8	223.0	217.3	50110.0	222.55	219.24436843046600	Pass
2015-02-14	236.2	261.3	235.4	133800.0	226.6300000000000000	253.7314642342350	Sell
2015-02-16	233.3	240.0	228.0	115470.0	229.59	231.8527029080110	Pass
2015-02-18	243.2	245.5	231.7	99660.0	232.2900000000000000	234.22316535698900	Pass
2015-02-21	244.5	247.3	242.6	42950.0	239.49	243.34550906948100	Pass
2015-02-24	238.8	240.3	235.5	45030.0	239.1700000000000000	235.6883185727260	Buy
2015-02-26	237.3	238.2	233.5	50870.0	239.6400000000000000	233.23299545486600	Pass
2015-02-27	236.5	258.7	235.7	167810.0	240.6700000000000000	250.7648616199420	Sell
2015-02-28	253.5	255.4	248.7	39410.0	242.56	249.73400172603300	Pass
2015-03-01	254.1	260.6	244.8	51330.0	244.1600000000000000	251.5475095507700	Pass
2015-03-02	257.9	274.8	256.1	81090.0	247.09	268.59399275198100	Pass
2015-03-08	274.9	278.8	271.3	50400.0	268.9	273.4051929446690	Pass

2015-03-10	290.0	301.0	288.1	158180.0	276.28	293.0276133900740	Pass
2015-03-11	291.4	297.7	288.9	79980.0	280.05	291.8287447236480	Pass
2015-03-13	293.9	294.9	286.1	97340.0	282.72	285.8213778003290	Pass
2015-03-17	290.4	292.5	283.3	65010.000000000000	287.49	284.76706461612500	Pass
2015-03-18	285.4	285.6	248.2	206740.0	285.63	256.2898163643660	Buy
2015-03-19	255.9	264.8	247.0	180690.0	282.72	253.11368885609000	Pass
2015-03-20	260.9	264.7	257.9	52830.0	279.76	260.1545595815500	Pass
2015-03-23	268.6	271.0	259.4	81450.0	271.47000000000000	261.7782050935670	Pass
2015-03-25	246.7	249.2	234.8	131440.0	264.13	237.4168874182610	Pass
2015-03-27	248.0	250.1	244.5	62560.0	256.07000000000000	245.03529411704600	Pass
2015-03-28	247.2	254.3	246.3	55060.0	255.68	250.5944172304380	Pass
2015-03-29	252.0	252.8	238.9	77540.0	253.8	241.54499511049900	Pass
2015-03-30	242.1	248.8	236.6	85330.0	252.3	241.6309569034800	Pass
2015-04-04	254.5	255.2	250.3	30720.0	248.64000000000000	250.40069217160900	Pass
2015-04-06	259.6	261.5	252.3	45930.0	250.58000000000000	254.26143696452600	Sell
2015-04-09	244.6	246.2	237.6	69190.0	250.58	238.9114156965100	Buy
2015-04-13	235.9	236.8	220.4	105150.0	243.91	223.60461782780300	Pass
2015-04-16	223.0	229.5	222.9	84890.0	234.06	225.76996736278600	Pass
2015-04-17	228.0	229.3	220.6	66920.0	231.02000000000000	221.90779726563900	Pass
2015-04-21	224.2	235.3	223.3	68350.0	225.54000000000000	230.97087776052400	Sell
2015-04-23	233.8	236.1	232.6	42450.0	226.51	232.80055914316200	Pass
2015-04-26	226.1	226.7	214.1	100770.0	227.2	215.7145717118410	Buy
2015-04-28	229.0	229.9	222.0	65970.0	228.08	222.76178591293800	Pass
2015-04-29	225.8	227.2	222.3	60890.0	228.32	222.340469776165	Pass
2015-05-04	240.0	243.2	237.4	69120.0	230.83	238.25372424730400	Sell
2015-05-07	230.0	240.3	228.3	91050.0	233.8	235.02252543051300	Pass
2015-05-10	241.4	244.8	238.2	44000.0	237.61000000000000	240.23317697405900	Pass
2015-05-11	240.0	243.9	238.9	57170.0	238.47000000000000	240.2638555849200	Pass
2015-05-13	241.6	243.9	234.1	84430.0	238.74	235.80637842344900	Buy
2015-05-14	236.4	239.2	232.4	71020.0	238.53000000000000	233.63923470355900	Pass
2015-05-16	237.2	237.8	234.6	27050.0	239.29000000000000	234.40997808528300	Pass
2015-05-17	236.2	237.8	235.4	28430.0	239.15	235.3981662104570	Pass
2015-05-18	236.3	237.1	231.5	53140.0	238.04000000000000	231.6932337054180	Pass
2015-05-20	232.0	235.2	231.5	49690.0	236.5	232.34954443612200	Pass
2015-05-22	235.4	242.0	234.6	74110.0	235.74	237.96532086285500	Pass
2015-05-23	240.4	241.7	238.1	36030.0	235.99	238.08669119783800	Pass

2015-05-24	238.9	242.4	237.5	30260.0	236.4	239.33985600323900	Sell
2015-05-27	237.8	238.9	235.9	48030.0	236.68	235.3143488238830	Pass
2015-05-28	237.3	238.4	236.2	35750.0	237.15	235.63804350155000	Pass
2015-06-02	223.1	227.4	222.3	60810.0	233.9600000000000000	224.1806671197160	Buy
2015-06-03	225.7	227.9	223.7	54350.0	232.42	224.2169421393620	Pass
2015-06-04	225.6	226.7	223.5	44060.0	231.1	223.2975333451670	Pass
2015-06-08	223.5	229.9	223.0	74150.0	226.3700000000000000	226.21257476328200	Pass
2015-06-12	229.9	231.6	229.3	40750.0	227.07	228.98989462093800	Pass
2015-06-14	232.5	235.5	232.1	32900.0	228.7200000000000000	233.08176858402800	Sell
2015-06-18	247.4	251.9	242.5	78140.0	236.7700000000000000	245.28369187464400	Pass
2015-06-19	248.4	250.8	243.6	84700.0	238.2200000000000000	244.25373336362200	Pass
2015-06-21	245.0	246.0	240.9	25150.0	241.26	241.6772068027380	Pass
2015-06-22	244.1	248.6	243.2	47590.0	242.9600000000000000	245.38319604544600	Pass
2015-06-23	247.5	247.7	242.3	38430.0	244.09	242.4343386158080	Pass
2015-06-25	240.6	243.6	239.3	40360.0	245.3300000000000000	240.58473209858500	Buy
2015-06-26	242.6	243.5	240.1	37620.0	244.6400000000000000	239.95292873581700	Pass
2015-06-27	242.9	251.6	241.8	54700.0	244.9700000000000000	247.80449885510900	Sell
2015-06-29	248.9	257.5	248.0	92640.0	246.3100000000000000	252.73921669257600	Pass
2015-06-30	257.0	268.7	255.4	116530.0	248.2200000000000000	262.49039833607100	Pass
2015-07-03	254.9	256.7	252.4	36580.0	251.4700000000000000	252.96500185057600	Pass
2015-07-05	260.5	274.1	257.6	48450.0	256.2100000000000000	268.7948694442320	Pass
2015-07-10	269.1	297.9	266.9	117170.0	265.51	289.94631240939900	Pass
2015-07-11	283.6	298.8	282.3	46490.0	268.95	294.09264233880900	Pass
2015-07-12	292.0	315.9	291.3	120700.0	274.5	308.8096027440640	Pass
2015-07-14	290.4	297.0	285.2	60620.0	280.65	290.3519298371430	Pass
2015-07-15	287.0	292.9	283.2	59580.0	281.98	287.284171977462	Pass
2015-07-20	273.2	278.9	271.8	46600.0	284.43	275.45486136982200	Buy
2015-07-23	276.5	277.9	274.5	35660.0	277.86	274.55281053616000	Pass
2015-07-24	275.5	289.8	274.3	74360.0	278.0	284.8822888488070	Sell
2015-07-25	288.4	291.2	284.7	41650.0	278.5300000000000000	286.30299731748	Pass
2015-07-27	291.8	295.8	285.4	69710.0	281.39	288.42543232324300	Pass
2015-07-30	288.4	289.9	284.9	44790.0	285.81	285.2922458680480	Pass
2015-07-31	287.0	288.7	280.8	49210.0	286.6700000000000000	282.38385077167000	Buy
2015-08-01	283.7	284.5	276.3	39430.0	287.07	277.8750440284120	Pass
2015-08-02	280.5	282.5	275.9	35670.0	287.6600000000000000	277.64561866753600	Pass
2015-08-03	281.4	285.0	278.9	45890.0	286.9800000000000000	280.98192168135900	Pass

2015-08-06	281.7	282.0	276.5	33260.0	284.03	276.90771362962700	Pass
2015-08-08	277.9	278.9	257.4	82540.0	279.47000000000000	263.26195477611400	Pass
2015-08-12	269.0	271.5	263.7	56730.0	272.6	265.65689148524700	Pass
2015-08-14	263.4	267.2	260.2	52330.0	268.85	262.69465062779800	Pass
2015-08-15	265.0	266.5	259.4	38910.0	266.73	261.018173230116	Pass
2015-08-16	260.5	261.9	254.6	69040.0	264.64	255.53024410994500	Pass
2015-08-17	257.1	259.9	252.9	47880.0	262.56	255.03139234396700	Pass
2015-08-19	246.7	247.9	214.3	245820.0	257.58000000000000	221.18221373679500	Pass
2015-08-20	226.0	238.0	225.5	90980.0	254.72000000000000	234.0503007727170	Pass
2015-08-21	234.7	236.3	230.5	57650.0	251.06	231.594100467932	Pass
2015-08-23	229.5	232.7	224.3	48840.0	243.58000000000000	227.47904274758800	Pass
2015-08-24	226.8	228.4	207.8	196700.0	238.22000000000000	211.12266239767200	Pass
2015-08-25	211.4	226.6	196.3	190790.0	234.22000000000000	210.97586493070900	Pass
2015-08-27	225.0	228.4	222.0	60250.0	227.57000000000000	224.02108681375500	Pass
2015-08-31	228.4	231.8	224.2	54510.0	225.39000000000000	226.74242115542600	Pass
2015-09-02	227.2	230.6	225.6	58770.0	225.34	227.0297303704400	Pass
2015-09-03	228.6	229.6	225.4	54150.0	226.82	225.38283353232900	Pass
2015-09-06	233.7	243.6	234.7	66270.0	230.39000000000000	240.81213427613300	Sell
2015-09-07	239.9	242.7	237.5	57190.0	231.19	238.56695421204900	Pass
2015-09-11	238.1	241.0	237.4	45770.0	235.69	238.3110494679020	Pass
2015-09-14	230.2	232.6	226.0	61100.0	236.75	227.65200153457000	Buy
2015-09-15	229.9	242.8	228.0	49520.0	236.33	238.66675784653600	Pass
2015-09-17	228.6	235.2	227.9	56060.0	234.51	232.1468136577400	Pass
2015-09-20	231.1	232.7	229.9	33150.0	232.08	230.26597124074500	Pass
2015-09-22	226.3	233.2	224.1	71550.0	230.16000000000000	228.8042655788860	Pass
2015-09-23	230.0	232.2	228.5	43600.0	230.13000000000000	229.2621661455490	Pass
2015-09-25	233.8	237.6	232.7	61580.0	231.07	234.23792623943200	Sell
2015-09-26	235.0	235.7	232.7	40290.0	231.64000000000000	232.41228203810900	Pass
2015-09-27	234.3	234.8	231.8	36140.0	231.62000000000000	231.5346476602290	Pass
2015-09-28	232.5	240.4	232.4	64280.0	232.29000000000000	237.2880555839040	Pass
2015-10-02	237.1	238.4	235.1	47940.0	235.08000000000000	235.07337282071600	Pass
2015-10-03	236.7	239.5	236.1	43310.0	235.95	237.0394876393850	Pass
2015-10-06	240.1	247.6	239.4	78840.0	238.09000000000000	243.73255001508300	Pass
2015-10-07	246.1	247.3	241.6	62600.0	239.14000000000000	241.97498938089500	Pass
2015-10-09	242.6	244.6	241.3	40570.0	240.24	241.81353513684300	Pass
2015-10-12	247.6	248.0	244.6	40390.0	243.11000000000000	244.2724350493620	Pass

2015-10-13	245.4	251.2	243.1	74880.0	244.13000000000000	246.61835416632500	Pass
2015-10-15	252.3	256.8	251.2	60640.0	246.96000000000000	253.3183517889340	Pass
2015-10-17	262.9	275.4	261.7	113840.0	251.3	269.6495978937970	Pass
2015-10-18	269.6	272.4	259.5	52270.0	253.21000000000000	263.58095238145300	Pass
2015-10-19	261.7	266.0	259.9	58170.0	255.19000000000000	262.1200826130240	Pass
2015-10-21	269.8	272.2	263.5	59640.0	259.58	265.6279380919530	Pass
2015-10-23	274.4	279.8	273.2	69320.0	265.29	275.8005254816890	Pass
2015-10-25	282.6	295.6	281.8	113900.0	271.67	289.98110945279000	Pass
2015-10-27	285.1	298.4	285.1	105870.0	276.4	293.4790852882480	Pass
2015-10-29	303.5	318.5	300.2	138920.0	285.56	310.33892358927700	Pass
2015-11-01	311.2	324.3	304.7	73710.0	300.56	316.1634940797710	Pass
2015-11-03	359.3	416.8	354.6	421990.0	320.19	396.25229643974900	Pass
2015-11-04	396.5	492.8	368.6	517730.0	331.49	451.91271889455500	Pass
2015-11-07	369.8	391.8	369.0	103030.0	356.92	385.27378200724500	Pass
2015-11-09	371.6	385.1	360.2	125540.0	368.03000000000000	372.47115633390600	Pass
2015-11-12	304.7	346.1	306.1	164610.0	366.21	339.3407502104380	Buy
2015-11-16	317.5	332.0	314.1	87140.0	342.55	325.9047406010010	Pass
2015-11-19	335.9	335.6	323.4	86380.0	328.34	324.6129912506390	Pass
2015-11-22	324.7	326.9	319.4	36750.0	327.67000000000000	321.58403473571100	Pass
2015-11-25	318.4	330.0	315.7	77680.0	326.16	324.5279956097020	Pass
2015-11-26	327.5	368.9	327.4	211380.0	328.51	358.8736116683740	Sell
2015-11-27	353.7	363.9	345.1	103480.0	331.07	353.60870702106200	Pass
2015-11-28	359.5	360.1	350.5	56170.0	333.06000000000000	351.5033163833250	Pass
2015-12-06	386.7	402.2	382.6	131860.0	368.8	393.3811570986920	Pass
2015-12-09	410.7	424.6	403.3	147360.0	382.29	413.2240443671110	Pass
2015-12-11	415.5	453.4	413.7	175060.0	394.84	442.79738702012200	Pass
2015-12-12	449.8	467.7	403.7	211440.0	402.07	430.4794277442030	Pass
2015-12-14	434.7	449.5	428.8	218920.0	417.54000000000000	437.1825118762600	Pass
2015-12-16	462.6	465.2	437.4	185220.0	431.19000000000000	442.7601074984840	Pass
2015-12-18	455.5	466.1	453.5	83410.0	442.56000000000000	459.98601492508300	Pass
2015-12-19	463.2	466.0	452.3	61310.0	447.08000000000000	455.65607008765700	Pass
2015-12-20	461.2	462.8	431.1	121530.0	449.71000000000000	439.5179827519770	Buy
2015-12-21	441.8	445.5	424.0	121990.0	448.49000000000000	429.86327980560900	Pass
2015-12-22	437.6	443.2	433.3	65790.0	448.96000000000000	437.10595013452500	Pass
2015-12-26	454.0	456.5	400.5	208580.0	446.11000000000000	416.8987552073320	Pass
2015-12-28	422.4	429.9	417.1	68350.0	438.66	423.15857705373600	Pass

2015-12-29	421.8	433.6	419.3	70650.0	435.73	428.0921285410530	Pass
2015-12-31	427.1	433.1	417.1	65210.000000000000	433.5	423.5437427999340	Pass
2016-01-01	430.0	438.0	425.9	46970.0	433.2	432.23736385883500	Pass
2016-01-02	434.0	437.4	430.7	33570.0	432.33000000000000	432.74709531730400	Pass
2016-01-03	433.7	434.1	423.1	54830.0	430.1	424.716341497286	Pass
2016-01-05	433.3	435.3	428.9	45030.0	429.61	429.7788693722010	Pass
2016-01-08	457.0	462.9	446.5	91310.0	436.07	451.7591511414610	Sell
2016-01-09	452.9	454.5	444.9	39810.0	438.19000000000000	446.6959824035300	Pass
2016-01-10	448.3	448.9	438.6	44460.0	439.81000000000000	440.1701269689890	Pass
2016-01-11	446.2	451.1	441.8	56590.0	441.18	444.96419835113100	Pass
2016-01-12	447.7	448.4	443.1	44590.0	442.31000000000000	442.79400888219900	Pass
2016-01-16	372.3	386.7	350.4	183960.0	431.57	367.4425709465280	Buy
2016-01-18	382.5	387.3	373.2	69300.0	417.27	378.9349388504440	Pass
2016-01-19	384.4	386.7	375.9	66350.0	410.39	378.9395824672980	Pass
2016-01-20	379.5	425.7	374.0	190320.0	407.23	412.92642405520900	Sell
2016-01-21	414.6	423.4	403.9	89940.0	403.48000000000000	412.35610750979500	Pass
2016-01-22	410.2	411.5	374.9	144860.0	397.24	384.82501602280400	Buy
2016-01-25	402.1	403.8	386.9	67660.0	392.23	391.3119123657810	Pass
2016-01-30	380.3	381.8	375.0	36180.0	389.89	376.5791478401480	Pass
2016-01-31	377.8	380.5	366.9	39020.0	385.85	371.71997358957800	Pass
2016-02-01	369.8	379.8	365.3	74350.0	384.81	373.5151541744180	Pass
2016-02-10	375.3	385.4	374.1	97490.0	377.56	380.2640761998180	Pass
2016-02-14	390.1	405.9	390.1	73590.0	383.0	401.4044806609080	Sell
2016-02-18	417.1	425.5	414.8	77350.0	396.23	419.7678299059910	Pass
2016-02-19	421.4	424.3	416.4	52240.0	400.7	418.0361432302740	Pass
2016-02-20	420.0	442.7	419.5	111630.0	406.52	436.0915843672740	Pass
2016-02-21	440.1	447.6	425.5	100500.0	412.36	433.70111508808900	Pass
2016-02-22	437.9	440.2	431.3	56010.0	417.74000000000000	432.8582855500120	Pass
2016-02-23	437.8	440.8	414.4	93720.0	420.72000000000000	422.3562562430620	Pass
2016-02-25	422.7	427.2	417.5	53540.0	424.68	421.0592285784980	Pass
2016-02-26	423.5	427.6	419.1	53210.0	426.77	422.00450265918300	Buy
2016-02-27	427.3	434.1	427.3	42790.0	428.19000000000000	431.14277930476100	Pass
2016-02-28	431.3	435.6	421.2	50850.0	429.3	426.4881890246590	Pass
2016-02-29	432.5	441.3	429.8	68770.0	430.92000000000000	435.8094821691250	Sell
2016-03-03	425.4	425.8	414.9	78900.0	427.24000000000000	416.150924133725	Buy
2016-03-04	419.6	423.4	407.2	75270.0	426.2	412.5339137107430	Pass

2016-03-05	409.5	410.1	386.9	129150.0	423.83000000000000	392.14480013303500	Pass
2016-03-08	414.9	416.7	408.4	53770.0	418.9	410.1024965138870	Pass
2016-03-10	412.8	417.5	410.3	55740.0	414.89000000000000	413.0018006487570	Pass
2016-03-11	415.8	422.4	415.1	60630.0	413.4	418.6089506509580	Sell
2016-03-14	412.4	416.1	411.2	49330.0	411.66	412.5977099639520	Pass
2016-03-17	415.9	419.6	415.3	43820.0	414.59	416.58277685072800	Pass
2016-03-18	418.2	418.6	402.5	66070.0	414.22000000000000	406.12612704854000	Buy
2016-03-19	408.2	410.5	402.1	37000.0	413.81000000000000	404.630106049246	Pass
2016-03-20	408.7	413.5	407.2	30540.0	413.38	410.3448653754360	Pass
2016-03-24	417.0	417.7	412.9	38830.0	413.66000000000000	412.93128636494400	Pass
2016-03-26	415.7	417.7	413.9	28060.0	413.78000000000000	414.52582777989900	Pass
2016-03-30	415.0	416.2	408.4	43280.0	416.54000000000000	409.88048888798700	Pass
2016-04-02	415.6	420.1	415.1	31310.0	417.09	417.4960408375710	Pass
2016-04-03	418.5	420.2	417.0	22800.0	417.53000000000000	417.392568418251	Pass
2016-04-07	421.3	422.0	417.9	36060.0	417.91	417.7402052438770	Pass
2016-04-09	417.7	418.9	412.4	29430.0	418.74000000000000	413.72836196115300	Pass
2016-04-10	418.0	421.6	416.7	23300.0	419.2	418.8016928949200	Pass
2016-04-11	420.3	422.4	418.1	36390.0	419.78000000000000	418.80459217115900	Pass
2016-04-16	428.7	432.0	426.8	29020.0	422.84	428.55368549411700	Sell
2016-04-18	426.3	429.1	424.4	32580.0	424.46000000000000	425.69134244567100	Pass
2016-04-20	434.9	442.9	432.5	74360.0	428.24000000000000	437.54730104359700	Pass
2016-04-22	449.3	450.2	441.9	49710.0	433.09	442.8310146027110	Pass
2016-04-24	450.1	461.8	447.9	74430.0	439.11	456.1152637546810	Pass
2016-04-25	457.6	466.2	451.8	81660.0	442.41	458.30705973265300	Pass
2016-04-26	461.7	468.9	459.2	67560.0	446.01000000000000	463.45140713761100	Pass
2016-04-29	448.5	456.3	445.2	44850.0	452.17000000000000	451.327348022565	Pass
2016-05-01	448.5	454.2	447.5	21750.0	453.19000000000000	451.4119494873180	Pass
2016-05-03	444.2	451.5	441.5	49750.0	453.1	446.9280217266090	Buy
2016-05-05	445.8	449.2	444.4	41890.0	450.56000000000000	445.8643660441760	Pass
2016-05-09	457.9	464.2	455.4	48420.0	452.55	459.56128405551600	Sell
2016-05-10	460.4	462.1	446.8	59990.0	452.64	450.8038820798220	Pass
2016-05-11	449.4	456.1	449.6	39970.0	452.67000000000000	453.4751113285590	Pass
2016-05-13	454.4	457.2	451.5	32390.0	454.2	453.1481555845980	Pass
2016-05-15	456.4	460.3	455.0	21200.0	456.26000000000000	457.3475837310890	Pass
2016-05-16	458.1	459.6	450.7	36600.0	455.79000000000000	452.7880662089790	Pass
2016-05-17	454.9	456.3	451.7	34630.0	455.27	452.144071790258	Pass

2016-05-19	454.2	455.2	441.1	59390.0	453.13	444.4529490519820	Buy
2016-05-21	442.1	445.2	439.7	23000.0	451.5100000000000	441.92238685820400	Pass
2016-05-29	524.2	548.0	493.2	152570.0	463.2400000000000	520.7620953860950	Sell
2016-06-01	528.9	542.3	521.3	72410.0	490.57	532.4936411319580	Pass
2016-06-02	537.4	541.5	530.5	52880.0	499.91	533.3719731854700	Pass
2016-06-03	537.1	573.7	534.3	106250.0	512.0	564.1716180610680	Pass
2016-06-05	572.0	583.6	567.8	64520.00000000000	536.38	576.0374223197830	Pass
2016-06-07	583.6	591.3	543.6	84690.0	552.4800000000000	561.9970903129270	Pass
2016-06-08	575.6	582.4	567.8	49600.0	558.93	573.7812087447330	Pass
2016-06-10	574.7	579.3	571.1	45500.0	568.0700000000000	573.6885960417540	Pass
2016-06-13	666.5	718.2	652.8	216730.0	599.74	696.6102979833100	Pass
2016-06-14	700.1	702.5	654.7	135650.0	611.05	667.4648657457560	Pass
2016-06-15	685.1	695.1	670.5	78620.0	622.6400000000000	680.018671297634	Pass
2016-06-18	743.9	776.0	727.1	120530.0	674.5600000000000	756.2524094310700	Pass
2016-06-19	753.8	765.1	740.4	60450.0	693.1900000000000	750.8016144010010	Pass
2016-06-20	761.0	764.6	717.4	112290.0	708.8	731.5161947499550	Pass
2016-06-25	656.9	688.1	640.8	100460.0	695.31	671.7352043838070	Buy
2016-06-26	663.5	665.2	609.9	88930.0	681.7300000000000	628.6126183680150	Pass
2016-06-27	625.4	650.3	615.2	99810.0	671.8100000000000	638.3371473588270	Pass
2016-06-29	644.9	645.9	621.8	80220.0	648.47	627.8143486777370	Pass
2016-06-30	636.5	673.0	631.2	88200.0	642.0700000000000	662.5552430502530	Sell
2016-07-05	675.2	679.2	657.3	54640.0	659.47	664.1841011526960	Pass
2016-07-07	672.7	676.2	605.0	153610.0	663.26	628.780461405272	Buy
2016-07-09	662.8	663.5	620.7	96010.0	666.58	633.5227898528200	Pass
2016-07-10	651.8	652.0	636.8	29260.0	664.2900000000000	640.3383935001330	Pass
2016-07-11	647.1	657.5	640.0	45940.0	661.5	649.374856489565	Pass
2016-07-13	670.6	672.0	656.0	62960.0	658.71	659.0849353863400	Pass
2016-07-14	661.2	661.9	646.3	48200.0	656.9200000000000	649.4311816226260	Pass
2016-07-15	657.3	667.5	656.5	35830.0	656.97	663.148463141178	Pass
2016-07-16	664.2	665.4	655.7	20390.0	655.77	657.3851791049580	Pass
2016-07-17	660.7	680.9	660.1	46840.0	659.87	675.5294945106020	Sell
2016-07-21	664.4	666.5	657.8	32170.0	666.08	659.4397092427720	Pass
2016-07-22	664.6	669.4	645.7	65900.0	664.13	653.7916148230530	Buy
2016-07-24	655.2	664.2	651.0	29820.0	663.7300000000000	658.2480209527760	Pass
2016-07-26	654.0	657.8	643.5	49390.0	662.08	647.9802041835820	Pass
2016-07-27	654.4	659.1	646.0	29890.0	659.9	650.9325868653980	Pass

2016-07-28	654.5	658.0	650.8	28110.0	658.27	652.7817636118370	Pass
2016-07-31	654.7	654.9	621.4	62890.0	651.4600000000000	631.103458333251	Pass
2016-08-01	621.9	627.9	603.5	66660.0	647.05	613.1692876211270	Pass
2016-08-02	607.0	613.8	471.4	130910.0	632.87	526.8189182170400	Pass
2016-08-03	513.4	573.1	514.1	85930.0	623.58	566.9619320769930	Pass
2016-08-05	576.2	580.0	565.8	27890.0	607.83	571.6368527681120	Pass
2016-08-06	574.7	596.7	565.3	25380.0	601.03	587.406081562665	Pass
2016-08-11	590.9	599.2	585.4	39830.0	576.1200000000000	592.224923072963	Sell
2016-08-12	587.8	591.1	582.2	25500.0	583.49	585.0570902061240	Pass
2016-08-13	587.1	590.1	582.8	19300.0	585.3100000000000	585.0772543539300	Pass
2016-08-15	569.1	575.0	559.3	33770.0	583.8300000000000	566.4347758166800	Buy
2016-08-16	567.0	583.4	563.4	37690.0	583.2	577.6330696317950	Pass
2016-08-17	580.2	581.1	568.7	32760.0000000000000	581.35	571.66229795664	Pass
2016-08-18	572.3	579.5	570.8	30390.0	579.77	575.7781135412990	Pass
2016-08-21	582.6	585.3	577.8	14160.0	577.16	580.1145778424990	Pass
2016-08-22	580.7	591.9	577.1	33560.0	577.2	586.2719570265140	Sell
2016-08-23	587.5	589.9	578.6	32080.0	577.1	581.6964819915400	Pass
2016-08-24	583.6	584.5	576.8	28060.0	578.1600000000000	577.9011157436650	Pass
2016-08-26	578.0	582.7	575.8	21170.0	579.18	578.8858945435440	Pass
2016-08-28	570.3	576.3	569.2	12830.0	579.14	573.4370463034570	Pass
2016-08-31	577.3	578.3	571.7	24930.0	577.8900000000000	572.6545134792150	Pass
2016-09-02	572.0	577.6	569.3	26610.0	575.51	573.3587661854410	Pass
2016-09-04	598.8	615.2	590.8	30690.0	580.5700000000000	606.2461713919080	Pass
2016-09-05	609.5	610.6	598.8	25290.0	583.2100000000000	601.2397856353620	Pass
2016-09-06	605.8	612.0	603.5	24330.0	587.22	607.4582614129430	Pass
2016-09-08	613.2	629.3	611.3	36330.0	596.18	623.858518904027	Pass
2016-09-09	625.6	627.6	617.3	28330.0	600.77	619.4867169378680	Pass
2016-09-12	605.6	610.6	603.0	27950.0	612.46	606.3502406174960	Pass
2016-09-13	608.0	612.0	604.9	27520.0	613.44	607.5089086916950	Pass
2016-09-15	609.5	610.7	605.1	22690.0	613.67	605.7598288438450	Buy
2016-09-16	608.1	610.4	605.2	21850.0	613.4100000000000	606.3236788663150	Pass
2016-09-18	607.1	612.4	605.2	16330.0000000000000	611.3100000000000	608.8109472593800	Pass
2016-09-19	610.7	612.4	607.0	21240.0	609.97	607.7957240433640	Pass
2016-09-20	609.8	611.3	605.9	22610.0	608.44	606.5523804620090	Pass
2016-09-21	609.2	608.8	591.7	36860.0	607.6	595.6485197272610	Pass
2016-09-22	597.2	599.8	592.8	22440.0	606.36	594.9191922573340	Pass

2016-09-24	602.9	605.9	600.5	13470.0	605.1	602.2775323111290	Pass
2016-09-30	604.7	608.8	602.3	23950.0	602.9300000000000	604.7503201355600	Pass
2016-10-01	608.1	615.0	607.1	16930.0	604.55	611.6972171385160	Sell
2016-10-04	611.6	612.7	606.5	24990.0	607.5700000000000	607.1823995654980	Pass
2016-10-11	617.3	642.3	615.6	55770.0	616.1400000000000	636.0813260567210	Pass
2016-10-12	640.5	642.5	632.2	26950.0	618.6700000000000	634.4893930009610	Pass
2016-10-15	637.9	641.4	635.1	12380.0	626.48	637.1620697614330	Pass
2016-10-16	637.0	642.2	636.4	12890.0	629.39	639.2072247216350	Pass
2016-10-17	640.1	641.3	634.9	27690.0	631.53	635.4541958316550	Pass
2016-10-18	637.4	639.3	632.2	24600.0	633.29	633.5715047383640	Pass
2016-10-19	635.3	637.3	624.1	35290.0	634.62	627.744605888788	Buy
2016-10-21	628.3	633.3	627.6	28090.0	634.72	630.1738958172740	Pass
2016-10-22	630.5	659.9	629.7	37100.0	636.67	654.4352691598120	Sell
2016-10-24	653.0	654.3	645.7	33240.0	639.67	646.9059052071410	Pass
2016-10-25	650.5	662.5	647.7	36740.0	641.0700000000000	656.9193418885620	Pass
2016-10-27	674.7	687.9	672.3	46560.0	649.02	681.8006325096900	Pass
2016-10-28	682.3	688.4	678.6	38970.0	654.11	682.2257844907250	Pass
2016-10-29	686.2	720.2	685.2	54030.0	662.7	713.003948757168	Pass
2016-10-30	715.0	714.9	689.5	39330.0	669.6	695.6353975356000	Pass
2016-10-31	697.3	707.2	682.2	38050.0	676.42	693.9271801125790	Pass
2016-11-01	698.7	734.4	695.2	68070.0	683.55	725.2836639046360	Pass
2016-11-03	733.5	744.4	670.4	96410.0	695.04	700.1240014716780	Pass
2016-11-04	684.9	706.6	681.3	48240.0	700.15	699.7199890585870	Pass
2016-11-09	710.9	741.2	707.1	70700.0	709.5700000000000	732.4882298525000	Pass
2016-11-13	704.3	705.6	685.0	36140.0	708.77	691.0104386517690	Buy
2016-11-16	711.1	746.0	708.1	79570.0	712.9600000000000	737.2308442768430	Sell
2016-11-17	740.3	751.9	730.1	62770.0	716.17	740.5653935739230	Pass
2016-11-18	737.5	751.4	731.0	39710.0	719.78	742.8328193708850	Pass
2016-11-20	747.9	752.3	712.8	47420.0	723.82	726.9342384442660	Pass
2016-11-21	728.5	744.3	726.5	32510.00000000000	725.94	738.7944728967990	Pass
2016-11-22	736.2	754.0	730.6	44440.0	730.44	745.756143558201	Pass
2016-11-23	749.3	750.9	731.3	37870.0	734.35	736.4795063070930	Pass
2016-11-24	741.1	744.2	726.2	37240.0	737.42	731.7819749363210	Pass
2016-11-25	735.3	741.3	729.0	28850.0	740.35	734.2259778082290	Pass
2016-11-26	740.4	741.0	725.6	22580.0	739.73	729.2937674141240	Buy
2016-11-27	734.1	738.3	727.1	21350.0	738.92	731.1566001821660	Pass

2016-11-28	729.4	738.1	727.7	34120.0	737.55	733.5280659042360	Pass
2016-11-29	733.3	737.0	727.8	32570.0	736.02	730.4823764789680	Pass
2016-11-30	732.6	745.4	730.6	39280.0	737.42	740.1021674048280	Pass
2016-12-02	752.6	779.0	752.3	63220.0	741.22	772.5892724559530	Sell
2016-12-03	770.9	772.3	755.8	38450.0	743.53	759.3261959370610	Pass
2016-12-06	754.3	762.5	750.9	33430.0	750.4400000000000	756.6467620868500	Pass
2016-12-07	758.2	769.0	754.3	34870.0	754.0600000000000	762.5696690941270	Pass
2016-12-08	765.6	773.4	761.2	28780.0	757.58	766.9732309999530	Pass
2016-12-09	768.5	773.5	765.0	24180.0	761.37	767.9718874796760	Pass
2016-12-10	770.5	777.0	769.2	18020.0	764.52	772.845458150116	Pass
2016-12-11	774.0	774.2	763.0	17140.0	766.05	764.6994758114560	Pass
2016-12-13	778.5	790.3	767.8	33110.0	768.26	779.5413438415060	Pass
2016-12-14	778.7	780.8	771.0	24780.0	769.2700000000000	772.8887437063890	Pass
2016-12-15	776.5	780.3	773.1	26220.0	771.36	774.8898607356780	Pass
2016-12-17	782.0	791.6	779.4	23580.0	775.9	786.2182202936300	Pass
2016-12-20	789.8	800.0	787.1	34480.0	782.39	794.1700041449500	Pass
2016-12-22	829.2	874.7	828.9	70560.0	796.69	865.8010782072290	Pass
2016-12-23	860.2	920.3	858.0	102220.0	810.54	907.7602557833190	Pass
2016-12-24	917.2	920.5	880.8	46030.0	822.0	892.4562944056220	Pass
2016-12-27	898.4	937.9	893.4	49690.0	859.0900000000000	926.7549145796130	Pass
2016-12-30	971.1	971.6	927.4	70840.0	911.53	939.119657251291	Pass
2016-12-31	959.0	965.5	942.4	27560.0	924.95	950.4864955793750	Pass
2017-01-01	963.4	1001.6	956.1	41150.0	938.47	989.3383122458090	Pass
2017-01-02	995.4	1031.7	990.2	64950.0	948.45	1019.6939933451000	Pass
2017-01-03	1017.0	1035.5	1006.5	54790.0	962.6700000000000	1021.8100631967900	Pass
2017-01-06	989.3	1027.4	852.5	194290.0	992.2300000000000	933.5252846848450	Buy
2017-01-11	904.4	917.7	751.6	194440.0	944.0600000000000	817.3398261868780	Pass
2017-01-12	785.4	828.2	739.5	120240.0	923.3700000000000	794.055682523712	Pass
2017-01-17	827.3	906.4	825.0	82210.0	849.32	894.2400601132110	Sell
2017-01-18	899.7	913.7	845.9	69260.0	846.43	874.5766999113870	Pass
2017-01-20	895.2	901.5	878.9	38870.0	844.82	886.4781035163380	Pass
2017-01-23	918.8	928.0	910.8	32740.00000000000	878.8	917.9683280973170	Pass
2017-01-24	921.5	925.6	889.2	58870.0	886.2200000000000	900.746961247334	Pass
2017-01-25	893.8	905.7	883.6	37900.0	893.54	894.8185434080240	Pass
2017-01-26	894.4	919.3	893.5	33800.0	902.3700000000000	913.1906421111890	Pass
2017-02-03	1004.0	1023.7	989.2	61670.0	944.6600000000000	1007.2018603729800	Pass

2017-02-04	1013.0	1041.0	1000.4		39460.0	958.4	1025.7548099722400	Pass
2017-02-09	1055.5	1073.0	924.7		146750.0	1012.1600000000000	984.6298476431390	Buy
2017-02-10	979.0	1005.6	947.0		62130.0	1015.3700000000000	979.9913340230840	Pass
2017-02-12	1008.3	1007.8	992.5		14750.0	1017.2100000000000	994.8103781304670	Pass
2017-02-13	996.5	1007.6	975.1		32910.0	1015.45	990.0388032876460	Pass
2017-02-14	995.4	1013.8	986.5		39540.0	1013.1	1002.9751017346700	Pass
2017-02-16	1008.2	1040.3	1007.4		38080.0	1013.0300000000000	1032.9652916329200	Sell
2017-02-17	1031.9	1057.4	1025.9		45710.0	1013.01	1046.7470781303800	Pass
2017-02-18	1049.4	1063.2	1044.7		25360.0	1012.6900000000000	1054.4325399484100	Pass
2017-02-21	1077.6	1123.0	1073.5		57050.0	1038.75	1110.9667375263700	Pass
2017-02-24	1171.9	1211.7	1092.4		108170.0	1085.6200000000000	1152.0731244037100	Pass
2017-02-27	1171.6	1195.8	1164.3		35470.0	1127.6200000000000	1183.6146720488800	Pass
2017-02-28	1188.8	1208.2	1175.8		50580.0	1141.3200000000000	1192.4412264093000	Pass
2017-03-01	1189.3	1225.0	1154.6		51150.0	1158.7	1195.0955559884800	Pass
2017-03-02	1222.7	1287.0	1212.0		78490.0	1176.4900000000000	1268.019399442540	Pass
2017-03-03	1255.5	1291.3	1250.8		67280.0	1192.92	1278.145224902180	Pass
2017-03-10	1191.3	1330.4	988.7		190470.0	1225.74	1188.2821659647100	Buy
2017-03-11	1112.4	1202.7	1104.8		70750.0	1221.3900000000000	1186.950207370790	Pass
2017-03-12	1179.2	1235.5	1160.9		44410.0	1218.35	1215.2495842699500	Pass
2017-03-13	1225.1	1245.6	1205.6		60460.0	1213.84	1226.0686195564000	Sell
2017-03-14	1238.2	1255.5	1218.4		45140.0	1211.72	1236.1200396237700	Pass
2017-03-15	1243.1	1256.9	1236.4		43590.0	1209.94	1245.6032204336000	Pass
2017-03-19	971.4	1063.7	967.3		106450.0	1149.0	1050.9120843524100	Buy
2017-03-20	1022.6	1057.5	1005.0		61430.0	1142.51	1041.2522343303	Pass
2017-03-21	1047.5	1125.5	1043.9		92590.0	1136.72	1112.6219112593300	Pass
2017-03-23	1044.7	1062.8	1022.0		56520.0	1098.3600000000000	1043.7311666467700	Pass
2017-03-25	939.7	996.0	890.4		127050.0	1039.31	957.2417804637850	Pass
2017-03-27	969.4	1048.8	961.8		91260.0	1016.3	1033.0937678319400	Sell
2017-03-29	1044.4	1058.7	1008.3		68850.0	1025.53	1030.289938619150	Pass
2017-03-30	1041.9	1052.7	1020.9		74990.0	1024.5700000000000	1033.5607380624400	Pass
2017-04-01	1079.1	1103.7	1067.5		50660.0	1024.49	1088.865493720060	Pass
2017-04-03	1097.4	1157.9	1095.6		98500.0	1051.52	1144.8035522070600	Pass
2017-04-04	1147.6	1161.2	1122.2		71000.0	1069.0700000000000	1137.6772417911300	Pass
2017-04-05	1141.8	1143.8	1110.1		69470.0	1085.1200000000000	1117.9057723000800	Pass
2017-04-07	1188.7	1201.2	1173.2		59750.0	1114.0900000000000	1183.8946814971400	Pass
2017-04-08	1190.5	1198.2	1166.7		33180.0	1127.98	1177.1925215935200	Pass

2017-04-10	1204.3	1214.9	1194.8		40010.0	1157.3800000000000	1202.2993976444200	Pass
2017-04-11	1206.7	1229.6	1195.8		37400.0	1170.8400000000000	1215.3860375361100	Pass
2017-04-14	1176.2	1195.4	1162.2		47220.0	1188.7600000000000	1180.3896455820100	Pass
2017-04-16	1177.0	1188.0	1166.7		18930.0	1192.28	1176.686418107080	Buy
2017-04-18	1194.0	1213.9	1191.1		52750.0	1195.16	1205.0935742567500	Pass
2017-04-20	1215.2	1246.6	1210.7		55200.0	1199.3900000000000	1235.4067310703500	Sell
2017-04-21	1238.1	1257.0	1235.6		41340.0	1202.2800000000000	1247.9456379522100	Pass
2017-04-27	1286.6	1346.8	1285.3		61770.0	1253.1	1334.3108274692300	Pass
2017-04-28	1332.9	1356.2	1287.6		77570.0	1265.45	1319.0333113927200	Pass
2017-04-30	1336.3	1358.9	1309.7		40640.0	1288.94	1334.3606541846900	Pass
2017-05-01	1351.9	1448.7	1342.8		100440.0	1305.56	1426.9126466313100	Pass
2017-05-04	1485.6	1609.8	1437.1		136710.0	1376.5700000000000	1559.2760162011300	Pass
2017-05-05	1516.8	1588.1	1485.0		120380.0	1400.9200000000000	1552.1884912622200	Pass
2017-05-08	1554.4	1667.7	1552.9		107230.0	1482.4300000000000	1647.4814863313000	Pass
2017-05-09	1664.5	1757.4	1620.0		127230.0	1518.55	1710.592936012490	Pass
2017-05-10	1697.5	1766.2	1665.0		89680.0	1558.59	1729.5732036063700	Pass
2017-05-12	1819.3	1822.5	1641.2		109340.0	1622.99	1701.4761518591900	Pass
2017-05-14	1763.7	1802.8	1736.1		40640.0	1676.3800000000000	1773.4522253163900	Pass
2017-05-16	1708.9	1752.6	1653.7		75540.0	1714.8900000000000	1707.2672171450200	Pass
2017-05-17	1729.3	1842.8	1704.0		94620.0	1739.58	1809.1480467488600	Pass
2017-05-21	2040.2	2094.9	1980.1		78780.0	1838.9600000000000	2040.288143631290	Pass
2017-05-24	2272.6	2497.0	2263.3		149260.0	2000.9200000000000	2454.6174815201000	Pass
2017-05-28	2052.4	2300.5	2051.1		125000.0	2168.22	2269.5707770507300	Pass
2017-05-30	2278.2	2329.3	2147.1		120960.0	2215.0800000000000	2232.3800447896600	Pass
2017-05-31	2192.6	2330.6	2168.4		117750.0	2240.9900000000000	2293.3355410173300	Pass
2017-06-02	2412.6	2494.0	2385.6		83030.0	2291.8100000000000	2456.564268520770	Pass
2017-06-03	2492.6	2582.8	2449.9		70960.0	2301.82	2533.8480089521800	Pass
2017-06-05	2524.1	2705.4	2523.9		86690.0	2369.52	2674.543933757300	Pass
2017-06-06	2705.0	2931.2	2699.7		192230.0	2451.3300000000000	2888.124089180230	Pass
2017-06-08	2691.5	2808.4	2623.6		95420.0	2553.6400000000000	2741.3502367684000	Pass
2017-06-09	2798.8	2852.1	2786.1		67050.0	2615.5200000000000	2822.992622214210	Pass
2017-06-10	2811.4	2914.2	2807.4		86520.0	2675.2200000000000	2886.4781822272200	Pass
2017-06-11	2900.3	2977.9	2867.3		83030.0	2731.3	2933.8689807999500	Pass
2017-06-15	2467.3	2521.6	2125.6		262790.0	2732.55	2298.7460917970400	Buy
2017-06-19	2539.6	2617.8	2518.8		81830.0	2647.3400000000000	2587.8397992823700	Pass
2017-06-21	2754.4	2804.4	2624.4		116030.0	2603.17	2704.453397309620	Sell

2017-06-22	2677.6	2757.3	2623.2	78300.0	2609.7700000000000	2703.2711148389000	Pass
2017-06-24	2710.4	2741.6	2540.4	86960.0	2621.79	2621.215540303750	Pass
2017-06-25	2590.1	2660.7	2472.4	86970.0	2631.7	2571.4555935888600	Buy
2017-06-26	2541.6	2584.8	2327.3	165830.0	2625.45	2438.5869185768600	Pass
2017-06-27	2446.1	2585.1	2309.6	159260.0	2618.3200000000000	2479.9995406558600	Pass
2017-06-29	2577.7	2605.9	2526.5	75320.0	2616.29	2560.5695240281300	Pass
2017-06-30	2558.4	2576.3	2469.5	73000.0	2588.91	2509.1336345429700	Pass
2017-07-02	2424.6	2555.3	2375.9	67760.0	2544.9800000000000	2505.3686196178100	Pass
2017-07-03	2536.5	2617.5	2506.3	83420.0	2531.19	2579.6576354948700	Sell
2017-07-05	2617.3	2642.7	2562.0	89720.0	2542.54	2592.570092852380	Pass
2017-07-07	2614.2	2617.5	2484.7	90450.0	2552.3600000000000	2524.7407706663100	Buy
2017-07-08	2513.9	2568.7	2480.6	54510.0	2551.0800000000000	2532.8021377371200	Pass
2017-07-12	2324.3	2424.8	2262.1	109520.0	2509.35	2369.841957959880	Pass
2017-07-14	2362.4	2370.5	2165.4	114410.0	2450.0300000000000	2239.990778923080	Pass
2017-07-15	2234.2	2237.1	1974.0	155320.0	2384.75	2069.650793400760	Pass
2017-07-18	2233.4	2400.7	2164.6	202620.0	2262.22	2331.498415704940	Sell
2017-07-19	2320.2	2412.4	2243.1	154320.0	2239.34	2343.330585804380	Pass
2017-07-20	2282.6	2932.8	2282.1	310340.0	2291.54	2861.1475949948300	Pass
2017-07-21	2866.0	2874.0	2622.5	193760.0	2326.62	2699.8077683621700	Pass
2017-07-22	2675.1	2876.7	2658.6	121920.0	2369.96	2830.119257938970	Pass
2017-07-23	2836.5	2856.7	2675.6	108230.0	2409.38	2735.6158231421700	Pass
2017-07-24	2756.6	2798.9	2715.7	83010.0	2462.3	2751.6776476425300	Pass
2017-07-25	2763.4	2779.1	2472.6	205880.0	2523.05	2581.2736261955500	Pass
2017-07-26	2582.6	2631.7	2441.5	135500.0	2587.56	2528.360616096290	Buy
2017-07-28	2691.9	2843.8	2683.6	138910.0	2682.07	2811.0062186247700	Sell
2017-07-29	2806.8	2812.1	2699.4	84490.0	2727.16	2731.4124484934800	Pass
2017-07-30	2733.5	2773.1	2621.7	82720.0	2717.21	2688.4462193908900	Buy
2017-07-31	2766.5	2916.3	2723.1	91120.0	2738.0300000000000	2863.079904486070	Sell
2017-08-02	2747.0	2773.8	2668.9	81820.0	2725.4700000000000	2710.3838561613900	Pass
2017-08-03	2720.5	2822.9	2717.6	68100.0	2730.13	2799.5370071234600	Pass
2017-08-04	2810.0	2892.7	2779.5	68760.0	2759.7200000000000	2852.8234722460700	Pass
2017-08-05	2878.5	3344.0	2875.9	159400.0	2830.0800000000000	3286.395908194350	Pass
2017-08-09	3429.4	3437.1	3251.0	97060.0	3071.42	3305.070979823700	Pass
2017-08-12	3654.4	3967.3	3611.4	123590.0	3331.5100000000000	3890.231324757780	Pass
2017-08-13	3871.6	4189.4	3847.3	158590.0	3456.7700000000000	4119.556123458880	Pass
2017-08-14	4062.6	4336.7	3978.9	128460.00000000000	3601.71	4233.715271852140	Pass

2017-08-15	4327.9	4436.5	3837.1	211580.0	3691.6	4095.4440760679600	Pass
2017-08-19	4105.4	4189.7	3957.5	113720.0	4042.6100000000000	4071.057782043600	Pass
2017-08-22	4005.1	4142.7	3612.2	169140.0	4163.58	3875.014042972010	Buy
2017-08-23	4089.7	4255.6	4070.5	96650.0	4171.4300000000000	4210.785474400260	Pass
2017-08-24	4141.1	4364.1	4111.7	72360.0	4170.4800000000000	4307.836207144850	Sell
2017-08-25	4318.4	4461.7	4292.6	82900.0	4190.7500000000000	4410.294556195580	Pass
2017-08-28	4345.8	4403.1	4195.2	75490.0	4222.42	4283.809260404260	Pass
2017-08-30	4597.3	4644.1	4491.8	68470.0	4318.74	4549.023871003380	Pass
2017-08-31	4583.0	4765.1	4580.1	72290.0	4391.74	4722.088057535330	Pass
2017-09-02	4921.9	4976.5	4448.6	160770.0	4518.2300000000000	4652.956912303200	Pass
2017-09-05	4267.5	4496.7	4004.6	158410.0	4543.67	4300.772270731480	Buy
2017-09-06	4409.1	4660.0	4401.5	110930.0	4570.96	4614.563556859780	Pass
2017-09-07	4618.7	4690.5	4493.2	70530.0	4595.49	4585.668119027360	Pass
2017-09-08	4635.6	4699.6	4130.9	180360.0	4568.41	4363.262952527800	Pass
2017-09-09	4326.5	4402.1	4185.3	77090.0	4543.62	4293.056527493170	Pass
2017-09-14	3870.3	3930.7	3219.0	317590.0	4206.11	3513.793891431920	Pass
2017-09-15	3243.1	3824.4	2979.9	448550.0	4136.58	3607.561048845130	Pass
2017-09-16	3713.8	3893.7	3551.8	169360.0	4044.6	3766.1744887810900	Pass
2017-09-22	3617.3	3753.5	3505.8	114720.0	3732.4300000000000	3658.147770298510	Pass
2017-09-24	3788.0	3790.9	3633.9	49660.0	3766.6400000000000	3679.4017093687300	Pass
2017-09-25	3667.5	3971.5	3665.7	100200.0	3788.54	3928.500665497840	Sell
2017-09-26	3932.8	3982.3	3858.8	63250.0	3807.9200000000000	3912.2651215518000	Pass
2017-09-28	4212.2	4274.6	4112.9	92230.0	3869.71	4182.240225278850	Pass
2017-09-29	4195.6	4237.5	4030.4	97800.0	3896.19	4107.850735228510	Pass
2017-09-30	4172.8	4383.3	4164.3	67490.0	3944.03	4336.169928741060	Pass
2017-10-01	4360.6	4412.6	4258.3	60580.0	4022.6100000000000	4319.458199452740	Pass
2017-10-04	4314.2	4355.3	4183.6	64080.0	4210.4	4250.309116747530	Pass
2017-10-05	4218.7	4365.8	4143.4	63610.0	4249.26	4288.172545885080	Pass
2017-10-07	4371.9	4472.9	4319.5	40200.0	4319.54	4411.278350076300	Pass
2017-10-09	4611.7	4875.4	4556.1	110190.0	4421.62	4792.842919236420	Pass
2017-10-10	4777.5	4930.0	4722.8	98490.0	4461.9	4854.490652438170	Pass
2017-10-11	4763.4	4874.9	4718.6	70480.0	4504.01	4810.563945191180	Pass
2017-10-12	4824.2	5432.6	4815.0	163920.0	4607.1400000000000	5346.358259402150	Pass
2017-10-17	5759.3	5773.3	5521.1	65640.0	5291.74	5591.99229933987	Pass
2017-10-18	5598.6	5601.3	5114.9	122020.0	5388.15	5276.934038475580	Buy
2017-10-20	5698.6	6075.3	5611.4	123860.0	5603.2300000000000	5960.145315093300	Sell

2017-10-21	5993.1	6187.2	5874.5		112940.0		5721.47	6064.009768385270	Pass
2017-10-24	5903.6	5904.6	5463.4		143740.0		5771.97	5605.8813631133700	Buy
2017-10-26	5734.0	5970.4	5689.9		93680.0		5789.39	5896.176066349760	Sell
2017-10-30	6147.7	6226.2	6019.0		78620.0		5879.08	6106.735948980280	Pass
2017-11-03	7024.8	7445.6	6938.9		154890.0		6275.05	7308.505566071110	Pass
2017-11-05	7363.8	7599.4	7284.3		105730.0	6588.2200000000000	7480.689196479530		Pass
2017-11-07	6959.3	7222.4	6957.8		101050.0		6845.3	7162.259219152200	Pass
2017-11-08	7102.2	7869.1	7027.0		220220.0		6974.99	7718.567936358960	Pass
2017-11-11	6565.8	6821.5	6197.9		135720.0		7047.19	6552.875226950260	Buy
2017-11-12	6339.9	6490.5	5493.6		269830.0	6932.5200000000000	5942.051417151710		Pass
2017-11-13	5878.1	6760.1	5828.3		178340.0		6869.56	6642.363933554750	Pass
2017-11-15	6597.1	7330.1	6596.9		131120.0		6782.26	7237.987057060780	Sell
2017-11-16	7283.0	7964.6	7119.2		133940.0	6871.7100000000000	7764.1226123808900		Pass
2017-11-18	7700.0	7857.5	7458.9		74380.0		6965.08	7647.806743189640	Pass
2017-11-19	7781.0	8100.9	7675.4		68620.0		7056.38	7959.240039906530	Pass
2017-11-20	8042.6	8294.1	7947.3		75700.0	7224.2700000000000	8161.176487907470		Pass
2017-11-23	8234.5	8266.5	8012.4		68010.0	7785.0100000000000	8081.219005701400		Pass
2017-11-27	9318.4	9733.6	9316.8		106900.0		8442.32	9635.22325105194	Pass
2017-11-28	9732.6	9969.6	9638.2		87760.0		8654.83	9824.991034250060	Pass
2017-11-30	9848.0	10689	9023.8		187010.0		9004.57	10055.538591113300	Pass
2017-12-02	10861	11175	10715		86830.0	9548.5400000000000	10983.283011215200		Pass
2017-12-05	11624	11901	11486		89690.0		10505.37	11717.134710300400	Pass
2017-12-07	13750	16879	13401		297110.0		11660.2	16297.199430888600	Pass
2017-12-08	16868	17294	13906		286760.0		12274.36	15303.52336712580	Pass
2017-12-11	15060	17399	15024		159730.0	13873.2900000000000	17084.128984458900		Pass
2017-12-13	17083	17268	15669		155410.0	14994.4700000000000	16276.019367321500		Pass
2017-12-14	16286	16941	16023		107920.0		15478.87	16631.170098390400	Pass
2017-12-15	16467	17987	16442		153650.0		16072.64	17753.345553949100	Pass
2017-12-18	19065	19221	18114		139250.0	17146.2400000000000	18503.653229097500		Pass
2017-12-19	18971	19022	16812		174540.0		17414.27	17592.051616002200	Pass
2017-12-20	17521	17813	15642		227680.0	17554.5100000000000	16565.960043065900		Buy
2017-12-23	13665	15493	13356		170170.0		16913.55	15141.40715079500	Pass
2017-12-25	13790	14467	13010		107480.0		16268.63	13915.420329675600	Pass
2017-12-26	13830	16094	13748		143140.0		15909.74	15822.665703359700	Pass
2017-12-29	14398	15109	13951		118880.0	14774.3600000000000	14714.402158318000		Pass
2017-12-30	14392	14461	11962		182070.0	14381.3100000000000	12916.736038063600		Pass

2018-01-01	13850	13921	12877	78430.0	14181.13	13265.927959509800	Pass
2018-01-05	15180	17126	14832	141960.0	14608.030000000000	16667.417142479900	Sell
2018-01-09	14976	15324	14613	71400.0	15249.610000000000	15006.905452770700	Buy
2018-01-10	14778	15045	13613	87070.0	15368.870000000000	14257.18695956970	Pass
2018-01-11	15046	15109	13048	167810.0	15377.920000000000	13828.058491097400	Pass
2018-01-13	13896	14640	13888	61140.0	15204.740000000000	14527.923470119800	Pass
2018-01-14	14291	14446	13094	85120.0	15056.25	13653.712560377900	Pass
2018-01-15	13695	14396	13475	73270.0	14730.520000000000	14155.425398521600	Pass
2018-01-17	11357	11769	9271.3	361800.0	13645.9	10454.694643044500	Pass
2018-01-18	11202	12004	10660	242450.0	13272.820000000000	11587.812408629200	Pass
2018-01-19	11229	11973	10901	170740.0	12952.99	11685.555509243700	Pass
2018-01-20	11579	13082	11567	143900.0	12734.58	12910.713300259700	Sell
2018-01-22	11597	11970	10136	201730.0	12238.34	11009.974220498400	Buy
2018-01-28	11471	12112	11433	154630.0	11483.8	11977.353865684600	Sell
2018-01-29	11794	11888	11119	137420.0	11450.26	11406.5496732395	Pass
2018-01-31	10166	10397	9742.2	208470.0	11048.02	10084.417106986200	Buy
2018-02-04	9241.5	9382.1	7932.1	280940.0	10159.45	8546.50197180434	Pass
2018-02-07	7693.8	8536.5	7196.6	445620.0	8944.82	8141.189644949390	Pass
2018-02-08	7595.1	8489.9	7595.1	296100.0	8636.760000000000	8390.465829216180	Pass
2018-02-10	8697.3	9066.6	8172.2	263530.0	8319.560000000000	8664.760649718270	Sell
2018-02-11	8559.7	8564.2	7843.7	236200.0	8209.64	8079.626216112630	Buy
2018-02-15	9475.6	10206	9348.5	291280.0	8575.77	10000.71898654700	Sell
2018-02-16	10031	10294	9707.7	206440.0	8823.52	10002.77094832220	Pass
2018-02-22	10470	10930	9743.9	316630.0	10242.66	10391.988206856600	Pass
2018-02-28	10584	11070	10303	215220.0	10339.61	10800.27286209620	Pass
2018-03-01	10335	11047	10248	188770.0	10313.12	10881.648591324800	Pass
2018-03-03	10822	11420	9585.5	172200.0	10364.95	10561.204358845600	Pass
2018-03-04	11402	11490	10878	156400.0	10522.43	11092.603558188700	Pass
2018-03-05	11415	11506	11281	162110.0	10638.45	11345.390989884700	Pass
2018-03-06	11314	11316	10412	230650.0	10735.53	10702.066485596500	Pass
2018-03-09	9301.9	9420.5	8351.0	371460.0	10531.05	8805.631554622940	Buy
2018-03-10	9216.2	9500.0	8691.1	198730.0	10373.860000000000	9131.554941979020	Pass
2018-03-12	9535.8	9892.2	8804.1	257910.000000000000	10067.34	9379.030871715970	Pass
2018-03-13	9138.7	9482.0	8875.1	239460.0	9842.6	9257.454244320860	Pass
2018-03-14	9154.9	9353.4	7958.5	305450.0	9522.010000000000	8571.221410371730	Pass
2018-03-15	8210.2	8427.0	7691.7	326530.0	9215.390000000000	8067.195970733080	Pass

2018-03-16	8264.3	8604.8	7929.1	236130.0	8976.8	8342.027780280820	Pass
2018-03-17	8198.0	8344.8	7760.2	208050.0	8774.0	8034.999813903490	Pass
2018-03-18	7873.2	8283.6	7323.3	348020.0	8664.12	7886.131093130830	Pass
2018-03-19	8200.9	8698.3	8127.7	316960.0	8604.1	8573.059620009400	Pass
2018-03-21	8912.4	9173.4	8775.1	218190.0	8556.790000000000	9014.781475522010	Sell
2018-03-23	8725.3	8917.0	8305.6	210110.0	8491.860000000000	8597.349523386600	Pass
2018-03-24	8917.3	9008.8	8523.6	177430.0	8525.54	8710.235453653470	Pass
2018-03-25	8549.1	8679.0	8392.2	149520.0	8546.42	8529.36280918159	Pass
2018-03-27	8146.5	8218.3	7760.6	223100.0	8524.53	7942.405472140790	Buy
2018-03-29	7955.2	7980.7	6954.9	348750.0	8351.140000000000	7336.55551116508	Pass
2018-04-04	7423.8	7432.9	6726.9	239510.0	7294.790000000000	6969.162622158150	Pass
2018-04-05	6808.7	6918.2	6592.5	221700.0	7158.640000000000	6747.735068219600	Pass
2018-04-09	7035.7	7192.5	6633.2	241190.0	6918.93000000000000	6895.970787797890	Pass
2018-04-10	6782.6	6899.5	6671.6	134230.0	6910.590000000000	6790.290557309740	Pass
2018-04-11	6855.6	6988.6	6818.4	142070.0	6924.280000000000	6920.889625937040	Pass
2018-04-13	7926.9	8228.0	7756.6	296950.0	7056.42	8040.0647908863000	Sell
2018-04-15	8004.6	8411.5	8004.6	160260.0	7334.13	8324.052350499650	Pass
2018-04-16	8362.2	8412.9	7908.5	197700.0	7478.7	8075.239047299800	Pass
2018-04-18	7908.5	8227.6	7895.3	163260.0	7693.780000000000	8147.982799134030	Pass
2018-04-20	8292.3	8926.2	8224.5	225960.0	8045.890000000000	8783.356233115100	Pass
2018-04-21	8867.0	9027.7	8614.5	206010.0	8241.99	8803.900179108030	Pass
2018-04-22	8923.6	9022.3	8766.5	161890.0	8330.0	8862.551177143690	Pass
2018-04-23	8809.3	9001.0	8785.3	147540.0	8436.540000000000	8918.550056249760	Pass
2018-04-25	9645.0	9753.1	8768.1	395670.0	8651.58	9142.154266094180	Pass
2018-04-26	8874.5	9303.6	8669.8	248390.0	8773.28	9094.38560243057	Pass
2018-04-30	9415.8	9456.7	9135.4	156830.0	9144.15	9230.837118732330	Pass
2018-05-01	9245.1	9245.1	8851.0	173350.0	9159.33	8957.869995773500	Buy
2018-05-07	9651.1	9675.6	9204.2	165080.0	9473.05	9351.067132334340	Pass
2018-05-10	9319.2	9393.3	9013.4	152710.0	9425.91	9156.683815894970	Pass
2018-05-11	9026.0	9028.7	8359.6	270620.0	9359.25	8583.220225599440	Pass
2018-05-15	8674.0	8842.1	8436.5	179620.0	8934.16	8644.096909323630	Pass
2018-05-16	8477.0	8496.4	8120.1	188030.0	8802.96	8240.791187694930	Pass
2018-05-17	8344.6	8458.7	8022.3	154360.0	8666.1	8217.521410584740	Pass
2018-05-18	8064.4	8273.6	7939.8	150320.0	8571.030000000000	8148.402317131790	Pass
2018-05-20	8243.9	8580.4	8184.7	113760.0	8413.960000000000	8478.100953076760	Pass
2018-05-22	8403.8	8414.5	7979.3	137510.0	8368.11	8114.199289867300	Pass

2018-05-24	7512.3	7736.6	7293.4	211110.0	8141.87	7556.7408448492000	Pass
2018-05-26	7478.5	7619.3	7331.5	103070.0	7943.63	7489.785316086230	Pass
2018-05-27	7361.9	7411.8	7267.5	103290.0	7874.0	7322.957310940260	Pass
2018-05-29	7119.3	7533.0	7069.8	186970.0	7683.62	7440.901605825690	Pass
2018-06-03	7646.6	7775.0	7611.3	116680.0	7460.2100000000000	7701.106853600760	Sell
2018-06-04	7729.3	7759.9	7468.4	141010.0	7462.8700000000000	7555.778602956570	Pass
2018-06-07	7661.0	7754.7	7657.7	124000.0	7577.17	7704.533517769120	Pass
2018-06-08	7697.9	7710.5	7556.9	112880.0	7592.6100000000000	7583.857227982540	Pass
2018-06-11	6775.2	6910.8	6657.2	174880.0	7466.9400000000000	6804.93074380224	Buy
2018-06-13	6558.5	6624.6	6129.1	237480.0	7216.4	6335.79892613964	Pass
2018-06-14	6312.3	6711.5	6283.6	201540.0	7130.68	6641.380349762870	Pass
2018-06-15	6647.3	6655.8	6395.7	143530.0	7008.56	6475.659416098180	Pass
2018-06-19	6719.8	6839.5	6681.5	120540.0	6602.7200000000000	6770.384226552220	Sell
2018-06-22	6728.2	6739.7	5955.0	278220.0	6535.71	6231.404458251160	Buy
2018-06-23	6055.2	6259.0	6032.8	142900.0	6521.21	6205.563702041800	Pass
2018-06-26	6256.9	6267.7	6060.0	176660.0	6414.22	6117.859698555570	Pass
2018-06-27	6081.1	6187.3	6025.4	133420.0	6383.6800000000000	6119.165016152510	Pass
2018-06-28	6154.9	6178.4	5854.0	156050.0	6300.05	5965.693486502070	Pass
2018-07-03	6618.6	6676.6	6513.5	150190.0	6264.37	6567.965544522890	Sell
2018-07-04	6513.8	6774.5	6442.3	143040.0	6308.75	6672.589391677480	Pass
2018-07-05	6598.0	6693.6	6466.1	166180.0	6337.74	6567.045685896780	Pass
2018-07-06	6546.5	6638.2	6458.3	132690.0	6391.3	6541.28780570245	Pass
2018-07-07	6617.7	6805.9	6531.1	114570.0	6452.3600000000000	6701.852687347070	Pass
2018-07-08	6765.4	6784.0	6694.3	267600.0	6535.49	6697.542149276020	Pass
2018-07-09	6715.1	6793.8	6637.7	289480.0	6580.87	6699.923578952470	Pass
2018-07-12	6389.1	6389.4	6088.8	289240.0	6537.04	6174.423685530480	Buy
2018-07-18	7321.6	7581.2	7249.3	333320.0	6589.74	7460.585305003550	Sell
2018-07-20	7477.6	7683.6	7292.0	258850.000000000000	6774.0	7500.845071811540	Pass
2018-07-21	7339.3	7460.8	7223.5	160770.0	6875.9600000000000	7334.629352863840	Pass
2018-07-23	7412.4	7809.6	7379.2	272150.0	7141.4100000000000	7710.377303156310	Pass
2018-07-24	7723.1	8479.8	7701.9	345320.0	7356.63	8352.718232754810	Pass
2018-07-25	8404.9	8484.6	8062.1	269230.0	7537.7100000000000	8209.815372577530	Pass
2018-07-28	8186.8	8234.1	8077.4	147140.0	7830.01	8115.927898733970	Pass
2018-07-29	8231.5	8275.4	8113.3	155240.0	7903.8200000000000	8152.289974761440	Pass
2018-07-31	8176.4	8176.5	7649.8	266940.0	8019.6600000000000	7811.408958720180	Buy
2018-08-02	7606.4	7701.4	7470.6	216340.0	8020.33	7578.130289365640	Pass

2018-08-04	7418.9	7484.2	6949.7	222570.0	7805.590000000000	7162.866948935900	Pass
2018-08-05	7014.0	7087.6	6887.9	177640.0	7714.6	6981.036860303450	Pass
2018-08-06	7027.8	7143.6	6852.5	168870.0	7590.220000000000	7001.602985446490	Pass
2018-08-07	6943.6	7149.7	6689.9	232480.0	7439.3	6950.551306007240	Pass
2018-08-12	6232.1	6453.0	6169.8	216330.0	6664.82	6370.844885029720	Pass
2018-08-13	6313.0	6524.1	6159.6	234090.0	6548.45	6383.524086577140	Pass
2018-08-14	6255.3	6255.3	5898.3	3660.0	6466.04	6015.4955548803500	Pass
2018-08-20	6474.2	6516.4	6255.9	3100.0	6326.41	6349.222643068940	Pass
2018-08-21	6268.1	6484.1	6257.4	1460.0	6351.470000000000	6432.6922046063200	Sell
2018-08-22	6482.2	6840.8	6304.8	3630.0	6356.13	6672.257727252350	Pass
2018-08-25	6680.6	6783.4	6655.3	3590.0	6479.53	6725.4589256984600	Pass
2018-08-28	6897.6	7129.7	6861.2	3790.0	6621.270000000000	7051.882185956220	Pass
2018-08-29	7074.6	7121.4	6926.7	4110.0	6676.030000000000	6988.775083177890	Pass
2018-08-30	7029.2	7050.2	6798.0	3740.0	6748.590000000000	6871.868718442480	Pass
2018-09-01	7032.4	7264.3	7020.4	3520.0	6886.75	7202.843412844730	Pass
2018-09-02	7189.6	7334.8	7117.3	3900.0	6964.020000000000	7242.018822657170	Pass
2018-09-03	7289.8	7330.7	7182.8	3870.0	7022.4	7224.454272098650	Pass
2018-09-10	6238.5	6358.5	6237.3	3110.0	6748.07	6328.50219252129	Buy
2018-09-11	6320.7	6391.8	6189.6	3300.0	6658.5	6284.163574604700	Pass
2018-09-14	6482.9	6579.4	6412.1	3200.0	6395.4	6497.646086627770	Sell
2018-09-15	6482.6	6562.9	6470.3	3160.0	6376.620000000000	6517.41481530291	Pass
2018-09-16	6519.0	6520.8	6406.2	3340.0	6375.24	6420.452249772650	Pass
2018-09-19	6342.0	6478.7	6144.5	3540.0	6392.3	6320.4270476553200	Buy
2018-09-22	6766.7	6833.3	6635.5	7310.0	6495.56	6712.880446681250	Sell
2018-09-27	6463.7	6738.3	6428.8	9340.0	6560.85	6666.583793781870	Pass
2018-09-29	6633.9	6648.4	6464.4	9420.0	6611.6	6514.280269660090	Buy
2018-09-30	6603.9	6673.9	6533.5	9340.0	6626.2	6595.805067936070	Pass
2018-10-01	6635.2	6674.7	6072.7	9190.0	6610.35	6301.707755989580	Pass
2018-10-02	6608.2	6645.7	6034.9	9340.0	6592.38	6266.663242915000	Pass
2018-10-05	6584.2	6682.3	6537.6	9340.0	6592.160000000000	6616.063206352610	Pass
2018-10-10	6650.6	6653.5	6526.0	101930.0	6603.49	6544.495180426730	Pass
2018-10-11	6618.0	6622.5	6206.2	245280.0	6566.58	6336.710268487730	Pass
2018-10-14	6321.6	6390.9	6300.0	99380.0	6496.370000000000	6344.082154230510	Pass
2018-10-15	6326.8	7358.4	6300.2	443330.0	6502.440000000000	7219.508928585980	Sell
2018-10-16	6712.4	6836.7	6645.4	155850.0	6513.34	6747.903334476630	Pass
2018-10-20	6511.7	6593.7	6495.9	97770.0	6492.89	6544.9924826258600	Pass

2018-10-21	6575.9	6643.1	6568.0		92940.0	6527.280000000000	6599.6599403131300	Pass
2018-10-24	6531.2	6593.8	6522.6		98740.0	6594.82	6552.388937055510	Pass
2018-10-25	6532.5	6544.8	6491.5		97430.0	6575.540000000000	6487.724168398800	Buy
2018-10-28	6494.6	6502.2	6461.2		93970.0	6527.97	6450.212847832670	Pass
2018-10-30	6336.7	6469.9	6316.5	128210.000000000000		6485.62	6417.366141000130	Pass
2018-10-31	6327.9	6405.7	6257.8		129060.0	6463.91	6327.5141234738700	Pass
2018-11-05	6478.2	6489.2	6431.7	128510.000000000000		6415.62	6426.548237918970	Pass
2018-11-06	6460.4	6509.6	6441.6		154870.0	6416.48	6460.1924103007300	Pass
2018-11-08	6565.3	6577.3	6466.3		159300.0	6438.3	6480.565464700220	Pass
2018-11-10	6411.9	6461.7	6411.7		115870.0	6453.05	6426.222017734860	Pass
2018-11-11	6427.1	6451.7	6359.0		127400.0	6457.61	6376.853270332450	Pass
2018-11-13	6435.0	6466.8	6386.7		137600.0	6462.940000000000	6402.936513566720	Pass
2018-11-17	5636.2	5645.5	5561.4		156510.0	6144.270000000000	5579.596414598090	Pass
2018-11-23	4360.9	4455.6	4223.7		348990.0	5127.87	4351.039966839190	Pass
2018-11-24	4397.3	4494.6	3821.5		382720.0	4935.67	4120.502038044200	Pass
2018-11-26	4061.0	4179.0	3679.8		571040.0	4590.08	3917.055815668660	Pass
2018-11-28	3866.4	4391.8	3866.4		533040.0	4275.26	4325.437680815320	Sell
2018-12-03	4160.3	4177.0	3839.9		355100.0	4054.21	3954.0194946645400	Buy
2018-12-04	3899.9	4082.9	3809.3		326710.0	4058.020000000000	3991.24201132421	Pass
2018-12-06	3771.4	3887.2	3505.7		467540.0	3996.12	3693.8230294848200	Pass
2018-12-07	3508.9	3626.6	3251.8		639330.0	3951.69	3438.964546951040	Pass
2018-12-08	3422.3	3507.7	3302.9		424400.0	3868.19	3411.792457152110	Pass
2018-12-16	3228.6	3305.0	3225.9		335690.0	3379.41	3278.2371074620700	Pass
2018-12-18	3526.0	3683.1	3456.9		698530.0	3413.56	3594.0277276169700	Sell
2018-12-19	3668.1	3924.7	3647.5		792400.0	3425.520000000000	3851.1034243215500	Pass
2018-12-20	3687.2	4140.3	3665.8		958580.0	3487.070000000000	4046.198127338020	Pass
2018-12-21	4075.2	4153.1	3786.9		748760.0	3531.390000000000	3926.8657239703300	Pass
2018-12-22	3850.9	3977.2	3803.7		554590.0	3581.220000000000	3903.2144550391100	Pass
2018-12-23	3964.3	4037.1	3904.6		572210.0	3644.13	3958.1156038317300	Pass
2018-12-24	3944.5	4208.2	3941.9		716290.0	3721.96	4145.803802788600	Pass
2018-12-25	4025.6	4030.7	3676.5		670940.0	3775.34	3781.3741410614600	Pass
2018-12-26	3762.8	3841.9	3680.3		567110.0	3829.920000000000	3756.663436420110	Buy
2018-12-29	3861.6	3899.6	3696.0		505410.0	3857.330000000000	3767.5742753952900	Pass
2018-12-30	3708.2	3837.7	3682.5	519170.000000000000	3831.230000000000	3785.0077497761500	Pass	
2019-01-01	3709.5	3814.3	3664.4		469110.0	3801.580000000000	3752.730614003510	Pass
2019-01-06	3785.7	4034.1	3758.5		529890.0	3814.830000000000	3968.2939594438200	Sell

2019-01-08	3985.8	4070.5	3943.1	514080.000000000000	3853.68000000000000	4005.5367105013400	Pass
2019-01-10	3978.9	4007.7	3562.1	697310.0	3859.41	3717.522987744640	Buy
2019-01-11	3603.3	3655.7	3563.1	551640.0	3840.12000000000000	3602.4215526252100	Pass
2019-01-13	3597.3	3617.6	3473.2	452790.0	3783.47	3518.161965921580	Pass
2019-01-14	3490.4	3672.0	3490.4	539930.0	3767.01000000000000	3633.7711475071300	Pass
2019-01-16	3570.6	3644.1	3561.4	487340.0	3703.99000000000000	3607.7630210496000	Pass
2019-01-17	3588.1	3636.7	3554.8	525100.0	3668.04	3585.9046700017500	Pass
2019-01-24	3561.4	3587.0	3539.7	428600.0	3586.4	3546.8000218525900	Pass
2019-01-27	3570.9	3583.2	3509.2	464020.0	3577.68000000000000	3518.7271050410200	Pass
2019-01-30	3414.6	3479.0	3394.2	600250.0	3526.87	3434.1911886314900	Pass
2019-02-01	3437.7	3485.7	3415.3	481580.0	3505.7	3443.2437799277900	Pass
2019-02-07	3404.9	3421.8	3390.3	471360.0	3447.47	3386.630127646810	Pass
2019-02-09	3661.6	3675.3	3633.2	454800.0	3492.3	3627.474118723390	Sell
2019-02-12	3631.8	3656.4	3594.4	545820.0	3545.82000000000000	3601.5096398735300	Pass
2019-02-15	3592.6	3648.3	3581.4	516210.000000000000	3587.67000000000000	3609.0135746141400	Pass
2019-02-16	3604.7	3641.9	3599.7	485630.0	3608.92000000000000	3608.7871443759800	Pass
2019-02-18	3664.2	3903.7	3655.1	933150.0	3659.0	3839.175178770430	Pass
2019-02-21	3972.0	4011.5	3909.2	668160.0	3744.11000000000000	3932.6792400562700	Pass
2019-02-24	4120.5	4194.2	3738.7	977780.0	3844.58000000000000	3910.714857493380	Pass
2019-02-28	3814.6	3883.7	3783.3	2310.0	3893.93000000000000	3844.955616880450	Buy
2019-03-03	3823.2	3836.6	3789.7	1510.0	3857.05	3800.348460616950	Pass
2019-03-05	3715.9	3873.2	3705.7	3820.0	3805.8	3840.485202433270	Pass
2019-03-07	3863.1	3907.4	3847.9	2600.0	3820.72	3878.0333054462200	Sell
2019-03-10	3944.4	3944.5	3889.2	1890.0	3849.11000000000000	3893.395582770460	Pass
2019-03-12	3870.3	3900.1	3817.1	2900.0	3860.24000000000000	3849.5890203959500	Pass
2019-03-13	3885.9	3894.7	3847.4	2280.0	3865.8	3854.5551170671700	Pass
2019-03-17	4006.4	4009.8	3956.3	1870.0	3913.8	3961.2463083462400	Pass
2019-03-26	3937.1	3950.7	3899.9	2530.0	3987.95	3911.9623558187700	Buy
2019-03-27	3942.8	4043.3	3936.2	2780.0	3993.97	4015.735346388200	Pass
2019-03-28	4041.7	4041.7	4008.4	2110.0	3997.51000000000000	4004.2505650311300	Pass
2019-03-29	4025.7	4123.1	4022.6	3300.0	4006.03	4096.221732692900	Sell
2019-03-30	4103.7	4138.1	4057.1	2550.0	4013.09	4088.634168285790	Pass
2019-04-02	4145.1	4899.6	4143.5	14770.0	4126.25	4818.04701113769	Pass
2019-04-08	5173.5	5300.6	5060.5	928230.0	4756.48000000000000	5168.179367604830	Pass
2019-04-10	5158.4	5404.1	5142.9	837510.0	4981.69000000000000	5327.231877332990	Pass
2019-04-11	5307.7	5337.0	4948.0	943490.0	5069.44000000000000	5066.195697331100	Pass

2019-04-12	5022.7	5080.5	4889.2	779140.0	5088.93	4954.693429288090	Buy
2019-04-13	5054.2	5093.4	5011.6	577160.0	5097.24	5028.58812698685	Pass
2019-04-14	5052.0	5153.5	5010.7	566380.0	5120.480000000000	5085.028993523720	Pass
2019-04-16	5031.4	5198.4	5014.4	631050.0	5136.16	5138.1843306974100	Pass
2019-04-18	5208.3	5293.1	5205.0	727970.0	5141.58	5241.537956118720	Sell
2019-04-21	5290.2	5308.2	5189.8	811410.0	5170.17	5200.184730324010	Pass
2019-04-24	5511.2	5589.6	5346.8	994040.0	5273.480000000000	5430.060656379640	Pass
2019-04-27	5298.2	5318.1	5225.4	833130.0	5308.66	5228.27099129586	Buy
2019-05-04	5768.0	5899.2	5605.0	920610.0	5410.71	5734.631535254610	Sell
2019-05-06	5775.1	5801.4	5630.5	755390.0	5511.97	5662.579601705800	Pass
2019-05-12	7190.0	7518.9	6802.6	1350.0	6171.01	7207.723397798440	Pass
2019-05-16	8164.8	8293.3	7720.4	1180.0	7042.94	7957.729314317540	Pass
2019-05-17	7871.9	7924.0	6998.6	1430.0	7193.94	7345.737735886550	Pass
2019-05-21	7965.0	8056.8	7813.2	804880.0	7749.67	7896.700800940450	Pass
2019-05-22	7928.7	7999.0	7545.9	821400.0	7814.76	7703.080761334520	Buy
2019-05-25	7971.4	8090.1	7919.1	691270.0	7803.2	7991.4686177014900	Sell
2019-05-27	8628.9	8902.8	8607.3	907960.0	8019.1	8792.977438343190	Pass
2019-05-28	8759.4	8794.1	8568.8	763200.0	8164.470000000000	8605.750619170080	Pass
2019-05-29	8715.6	8747.2	8435.3	15430.0	8213.53	8526.385555173150	Pass
2019-05-30	8647.8	9045.9	8054.7	1040.0	8244.190000000000	8608.599754687770	Pass
2019-06-01	8556.9	8615.8	8454.0	686750.0	8397.99	8489.000651202500	Pass
2019-06-03	8728.6	8734.9	8102.7	739450.0	8501.11	8293.966808632620	Buy
2019-06-06	7779.6	7861.4	7480.4	651820.0	8284.29	7631.02777183354	Pass
2019-06-09	7901.6	7937.5	7516.9	554480.0	8072.85	7655.469305405940	Pass
2019-06-10	7635.0	8012.8	7523.6	641380.0	8015.8	7869.74578435079	Pass
2019-06-12	7888.0	8198.1	7805.8	607890.0	7890.480000000000	8071.179726349660	Sell
2019-06-14	8218.6	8685.3	8153.2	643170.0	7996.960000000000	8548.916135507130	Pass
2019-06-15	8655.8	8856.7	8582.3	608690.0	8100.3	8730.347239123260	Pass
2019-06-16	8812.2	9332.0	8771.1	849770.0	8218.06	9190.876360007360	Pass
2019-06-17	8961.0	9438.1	8959.8	738800.0	8351.42	9326.430010302900	Pass
2019-06-18	9318.9	9336.1	8962.7	723170.0	8469.34	9043.21045835435	Pass
2019-06-20	9255.0	9583.9	9188.4	693620.0	8784.3	9447.318558857020	Pass
2019-06-22	10178	11160	10031	1090.0	9272.290000000000	10926.854506423800	Pass
2019-06-24	10897	11114	10622	566960.0	9779.130000000000	10845.306005901700	Pass
2019-06-25	11046	11833	11033	781090.0	10078.87	11671.390044542700	Pass
2019-06-26	11811	13929	11747	1480.0	10489.0	13635.665952913100	Pass

2019-06-27	13062	13422	10493	1590.0	10685.9	11740.477007627000	Pass
2019-06-28	11288	12461	10970	1090.0	11018.75	12114.82146114710	Pass
2019-06-29	12408	12422	11490	834620.0	11283.86	11768.881625500800	Pass
2019-07-01	10821	11254	10041	1040.0	11457.75	10709.2806246754	Buy
2019-07-02	10615	10923	9728.5	1120.0	11469.17	10329.000113369600	Pass
2019-07-06	10969	11650	10967	688960.0	11317.66	11529.287407514500	Sell
2019-07-07	11267	11524	11108	601930.0	11330.47	11339.550084504600	Pass
2019-07-10	12542	13134	11594	1110.0	11507.52	12436.47540962180	Pass
2019-07-11	12111	12111	11029	943130.0	11580.09	11368.369216967400	Buy
2019-07-13	11762	11798	10839	747710.0	11619.120000000000	11161.820827478100	Pass
2019-07-18	9723.1	10787	9390.0	974490.0	10996.68	10450.016009262200	Pass
2019-07-21	10827	10883	10442	562170.0	10608.5	10578.362491164400	Pass
2019-07-25	9804.7	10203	9776.6	545850.0	10196.28	10100.691011772400	Pass
2019-07-28	9491.1	9798.5	9401.1	518590.000000000000	10121.430000000000	9672.535319462260	Pass
2019-07-30	9580.0	9703.0	9483.0	511510.0	9897.77	9582.38290389643	Pass
2019-07-31	9580.3	10100	9562.4	589840.0	9834.53	9990.851430336640	Sell
2019-08-01	10081	10459	9890.6	608370.0	9831.28	10245.319105386400	Pass
2019-08-02	10380	10664	10330	578290.0	9894.420000000000	10539.077042551600	Pass
2019-08-03	10519	10893	10504	508750.0	9995.560000000000	10781.707762039100	Pass
2019-08-04	10816	11017	10568	585710.0	10094.49	10773.447310881300	Pass
2019-08-06	11817	12291	11237	807580.0	10491.95	11802.645856939300	Pass
2019-08-12	11505	11508	11267	391080.0	11556.92	11301.829267654100	Buy
2019-08-14	10894	10894	9965.5	745590.0	11476.120000000000	10275.03302705480	Pass
2019-08-15	10053	10448	9580.1	930050.0	11324.78	10081.939324199600	Pass
2019-08-17	10335	10460	10016	497770.0	11030.67	10209.29471719510	Pass
2019-08-18	10219	10494	10086	441110.0	10842.780000000000	10344.183405683400	Pass
2019-08-22	10141	10218	9777.0	520750.0	10402.190000000000	9936.476557315390	Pass
2019-08-23	10104	10434	9921.4	436260.0	10351.77	10242.502702394300	Pass
2019-08-28	10184	10271	9629.6	580290.0	10285.180000000000	9869.131175117400	Pass
2019-08-29	9729.1	9729.1	9343.0	509130.0	10143.21	9445.65370421866	Pass
2019-08-31	9585.5	9677.5	9457.3	311490.0	9971.78	9547.13987870867	Pass
2019-09-01	9594.7	9799.5	9533.6	322660.0	9934.210000000000	9699.01094858321	Pass
2019-09-02	9728.8	10431	9720.3	542790.0	9930.220000000000	10312.40763294920	Sell
2019-09-04	10611	10783	10388	504450.0	10021.540000000000	10562.008287824900	Pass
2019-09-07	10306	10556	10302	393570.0	10126.67	10471.604807985200	Pass
2019-09-09	10402	10478	10095	473760.0	10290.21	10224.491870406400	Pass

2019-09-10	10308	10379	9970.7	383220.0	10341.31	10113.03978636090	Buy
2019-09-11	10104	10257	9908.9	413060.0	10384.63	10074.12595045790	Pass
2019-09-12	10162	10447	10051	413220.0	10391.26	10303.235460173300	Pass
2019-09-15	10337	10360	10272	255790.0	10315.610000000000	10264.13852403790	Pass
2019-09-16	10311	10360	10108	372530.0	10310.23	10176.695745121300	Pass
2019-09-17	10254	10273	10153	321640.0	10283.69	10155.722371831200	Pass
2019-09-20	10251	10279	10088	362070.0	10260.76	10122.265346012700	Pass
2019-09-25	8512.3	8729.8	8245.1	696110.0	9771.220000000000	8516.180624236080	Pass
2019-09-29	8208.0	8226.8	7922.1	418480.0	8935.210000000000	8017.828720121950	Pass
2019-09-30	8048.9	8318.5	7749.0	600260.0	8746.370000000000	8075.771530643090	Pass
2019-10-02	8302.7	8374.0	8167.7	405860.0	8410.59	8240.471992725070	Pass
2019-10-05	8148.0	8185.1	8030.6	360920.0	8195.97	8065.9224530241	Pass
2019-10-06	8127.3	8145.5	7834.9	448800.0	8177.780000000000	7920.33858785231	Pass
2019-10-09	8180.1	8655.9	8122.7	636430.0	8228.35	8529.035519840910	Sell
2019-10-10	8566.8	8638.5	8438.7	511460.0	8256.15	8497.634494953520	Pass
2019-10-11	8562.2	8751.1	8249.7	667860.0	8252.66	8485.369800745670	Pass
2019-10-12	8267.6	8394.8	8260.9	424020.0	8246.690000000000	8331.364542023110	Pass
2019-10-14	8281.3	8374.3	8222.2	505020.0	8272.67	8280.191229468020	Pass
2019-10-15	8353.4	8400.2	8139.5	469730.0	8276.66	8216.033991471800	Pass
2019-10-19	7948.3	8060.2	7892.4	428830.0	8191.600000000000	7974.580256594890	Buy
2019-10-20	7957.4	8288.5	7889.6	513910.000000000000	8157.710000000000	8174.447869371070	Pass
2019-10-25	7422.8	8697.7	7404.9	1180.0	8000.05	8557.859931089260	Sell
2019-10-27	9230.6	9773.2	9081.0	1160.0	8268.7	9578.62618070564	Pass
2019-10-29	9206.5	9531.3	9125.3	918480.0	8539.970000000000	9377.55410246393	Pass
2019-10-30	9411.3	9411.3	9018.4	789730.0	8633.42	9097.16389620821	Pass
2019-11-02	9230.3	9356.7	9201.2	570740.0	9030.09	9268.034097459090	Pass
2019-11-04	9198.7	9500.4	9134.1	681010.0	9281.460000000000	9378.055056807150	Pass
2019-11-08	9223.6	9254.8	8722.4	791790.0	9208.73	8887.234127873690	Buy
2019-11-09	8778.1	8877.5	8746.9	512020.0	9173.39	8804.179480694700	Pass
2019-11-10	8804.7	9092.9	8763.5	581570.0	9161.81	8995.22269868876	Pass
2019-11-11	9036.9	9066.4	8649.4	601160.0	9112.49	8774.981197766680	Pass
2019-11-15	8660.8	8761.8	8437.1	653710.0	8865.2	8565.930887999760	Pass
2019-11-17	8497.4	8631.7	8413.0	531220.0	8709.67	8521.133430917780	Pass
2019-11-18	8510.3	8516.3	8110.4	692600.0	8652.690000000000	8220.855230589300	Pass
2019-11-19	8207.7	8245.6	8032.8	654270.0	8586.810000000000	8089.760573017500	Pass
2019-11-24	7325.0	7344.1	6894.9	904500.0	7908.6	7037.677541402510	Pass

2019-11-28	7510.6	7639.5	7380.6	737580.0	7460.990000000000	7496.941859027090	Pass
2019-12-01	7546.5	7546.5	7244.4	777000.0	7342.270000000000	7307.063486889600	Pass
2019-12-02	7395.9	7433.8	7173.6	687780.0	7344.840000000000	7245.074938286510	Pass
2019-12-04	7291.9	7702.2	7113.6	971750.0	7369.580000000000	7504.403033847650	Sell
2019-12-06	7399.2	7552.1	7329.8	706100.0	7434.74	7446.960258108220	Pass
2019-12-07	7530.4	7595.7	7489.6	557140.0	7434.770000000000	7515.975562082130	Pass
2019-12-08	7510.8	7576.4	7416.7	499040.0	7444.540000000000	7466.673795689610	Pass
2019-12-11	7235.8	7284.4	7168.8	518400.0	7355.92	7196.606285491450	Buy
2019-12-13	7208.4	7288.0	7200.3	503490.0	7343.24	7233.900334523770	Pass
2019-12-15	7080.8	7175.8	7033.8	492580.0	7303.810000000000	7099.478057523940	Pass
2019-12-16	7128.5	7153.1	6864.6	689560.0	7241.08	6944.65962908844	Pass
2019-12-18	6613.5	7387.7	6462.2	1140.0	7126.480000000000	7212.286483847690	Sell
2019-12-21	7196.4	7197.6	7129.6	468740.0	7098.340000000000	7111.533675382780	Pass
2019-12-22	7156.3	7501.1	7142.0	677940.0	7127.12	7414.040001012590	Pass
2019-12-24	7322.4	7433.2	7185.7	785540.0	7152.63	7285.76396153598	Pass
2019-12-30	7397.5	7420.9	7244.1	606110.0	7292.13	7276.120288249790	Pass
2019-12-31	7261.5	7331.0	7167.4	586600.0	7296.15	7221.78011794171	Buy
2020-01-01	7196.4	7259.4	7180.0	420280.0	7266.55	7202.814754970170	Pass
2020-01-03	6967.1	7402.9	6884.1	936290.0	7238.45	7266.462353780100	Pass
2020-01-05	7376.8	7501.0	7345.6	628140.0	7269.81	7420.964267765030	Sell
2020-01-08	8154.2	8436.4	7900.8	1190.0	7469.18	8211.513092687620	Pass
2020-01-09	8060.0	8065.9	7779.2	786500.0	7527.24	7830.254647901830	Pass
2020-01-13	8188.3	8196.7	8068.4	610660.0	7907.630000000000	8066.166860155590	Pass
2020-01-14	8111.2	8898.7	8111.2	1480.0	8052.870000000000	8795.707270212300	Pass
2020-01-18	8913.0	8982.3	8814.6	627740.0	8455.64	8852.425912873350	Pass
2020-01-21	8642.0	8770.3	8524.0	540200.0	8658.35	8635.738132907130	Pass
2020-01-22	8733.0	8805.4	8610.8	509060.0	8707.440000000000	8672.572389030300	Pass
2020-01-24	8404.9	8522.0	8242.6	617020.0	8697.88	8365.784152969060	Buy
2020-01-25	8439.9	8447.6	8277.2	444000.0	8650.210000000000	8303.114218738120	Pass
2020-01-30	9299.1	9569.0	9209.2	765210.0	8825.56	9421.763688740700	Sell
2020-01-31	9508.3	9525.0	9222.3	633370.0	8887.210000000000	9280.47098387168	Pass
2020-02-04	9296.5	9347.5	9193.9	651680.0	9221.4	9220.858471014050	Pass
2020-02-05	9194.1	9726.8	9179.9	771460.0	9321.8	9614.303917136030	Pass
2020-02-06	9611.8	9854.9	9536.1	778670.0	9412.34	9721.379939742570	Pass
2020-02-08	9817.3	9931.2	9673.2	551310.0	9516.13	9770.309866970950	Pass
2020-02-11	9854.0	10314	9725.1	791280.0	9715.84	10130.009835147100	Pass

2020-02-12	10229	10435	10229		803250.0	9814.120000000000	10343.183688355800	Pass
2020-02-13	10321	10482	10116		940300.0	9907.97	10266.475178572000	Pass
2020-02-14	10235	10372	10125		732510.0	10021.880000000000	10224.691019583300	Pass
2020-02-20	9611.9	9681.4	9448.9		870800.0	10002.690000000000	9517.815851911310	Buy
2020-02-21	9602.2	9747.1	9574.5		716610.0	9948.190000000000	9662.016543399870	Pass
2020-02-23	9655.6	9965.6	9653.4		775880.0	9852.75	9877.696723707980	Pass
2020-02-24	9943.2	9981.0	9507.0		980000.0	9785.72	9641.274638355550	Pass
2020-02-25	9662.6	9672.3	9269.8		937970.0	9726.67	9367.491912832960	Pass
2020-02-26	9317.1	9368.1	8672.0		1320.0	9613.47	8938.08209687953	Pass
2020-02-28	8820.1	8898.7	8451.9		1080.0	9379.1	8640.365323688460	Pass
2020-02-29	8697.1	8793.7	8539.8		683440.0	9272.53	8644.086444691620	Pass
2020-03-06	9060.6	9165.2	9004.9		1040.0	8801.93	9077.304714946980	Sell
2020-03-08	8887.8	8888.0	8015.3		1110.0	8732.23	8319.439913228410	Buy
2020-03-09	8035.8	8158.8	7648.7		1540.0	8655.780000000000	7890.447355659940	Pass
2020-03-10	7933.0	8145.5	7740.2		1200.0	8590.53	7987.942896785670	Pass
2020-03-11	7892.1	7976.5	7606.0		1100.0	8530.040000000000	7773.266956272010	Pass
2020-03-14	5589.4	5634.9	5072.2		1690.0	7446.93	5328.896991337010	Pass
2020-03-15	5182.9	5863.3	5120.6		1610.0	7077.530000000000	5781.203805519160	Pass
2020-03-20	6171.6	6858.1	5748.2		2220.0	5692.42	6510.98970490921	Sell
2020-03-24	6468.8	6814.2	6380.8		1730.0	5861.79	6693.795636480430	Pass
2020-03-27	6725.5	6813.7	6322.3		1160.0	6273.79	6526.292351541430	Pass
2020-03-28	6373.4	6374.3	6046.5		1260.0	6361.020000000000	6149.673615213840	Buy
2020-03-29	6233.2	6258.8	5889.3		916170.0	6332.86	6000.774600863070	Pass
2020-03-31	6391.1	6513.1	6346.3		1050.0	6374.060000000000	6448.1768274904	Sell
2020-04-01	6412.4	6661.3	6157.4		1400.0	6455.7	6460.136684014370	Pass
2020-04-02	6638.8	7182.7	6567.9		1740.0	6488.86	7063.316213090190	Pass
2020-04-03	6799.9	7026.3	6623.6		1350.0	6487.99	6866.185588132450	Pass
2020-04-09	7361.1	7361.1	7140.3		963550.0	6938.520000000000	7163.218465819950	Pass
2020-04-11	6862.7	6931.4	6765.1		845580.0	7006.51	6817.627209003100	Buy
2020-04-13	6918.1	6920.3	6618.5		1250.0	7028.76	6711.472327488030	Pass
2020-04-14	6841.8	6970.8	6768.6		999530.0	7028.110000000000	6863.567862095950	Pass
2020-04-15	6851.3	6929.5	6615.9		1000.0	7013.75	6754.286668306050	Pass
2020-04-16	6629.1	7159.7	6520.5		1540.0	6989.08	7027.818697800410	Pass
2020-04-18	7035.9	7259.4	7031.5		796450.0	6961.1	7185.441496925420	Sell
2020-04-19	7230.9	7238.0	7079.1		5930.0	6944.490000000000	7109.093509758400	Pass
2020-04-24	7491.3	7583.5	7423.5		951950.0	7088.540000000000	7470.146896882920	Pass

2020-04-27	7679.4	7768.5	7637.7	980500.0	7312.020000000000	7670.0668292236200	Pass
2020-04-29	7746.7	8918.5	7729.7	1830.0	7528.43	8772.570120154450	Pass
2020-05-01	8628.6	9040.3	8621.0	1110.0	7905.890000000000	8949.94968224666	Pass
2020-05-02	8821.6	8986.2	8771.3	890340.0	8091.230000000000	8866.459556632290	Pass
2020-05-03	8966.2	9169.9	8742.2	1150.0	8230.930000000000	8964.574210822440	Pass
2020-05-04	8885.5	8945.5	8553.2	1120.0	8368.02	8691.156707305170	Pass
2020-05-06	9000.6	9373.7	8923.6	1620.0	8661.33	9249.650357185950	Pass
2020-05-09	9806.0	9910.5	9533.6	1490.0	9167.01	9681.73267948737	Pass
2020-05-10	9553.9	9569.4	8259.3	2470.0	9177.99	8738.152060738510	Buy
2020-05-12	8569.8	8964.5	8542.8	1350.0	9138.560000000000	8887.029798827930	Pass
2020-05-13	8813.9	9384.6	8799.1	1500.0	9179.880000000000	9295.006249524680	Sell
2020-05-14	9298.7	9887.5	9265.8	1770.0	9270.25	9776.064130987790	Pass
2020-05-15	9778.6	9819.6	9223.2	1560.0	9301.95	9428.65688254782	Pass
2020-05-16	9318.1	9579.0	9233.0	1100.0	9324.760000000000	9463.959400826430	Pass
2020-05-17	9376.6	9866.0	9327.8	1180.0	9294.55	9751.941797641890	Pass
2020-05-19	9730.8	9883.9	9498.7	1160.0	9308.870000000000	9679.618001618450	Pass
2020-05-20	9773.0	9829.3	9368.4	1150.0	9386.22	9529.569427452660	Pass
2020-05-22	9058.2	9253.5	8952.1	914590.0	9469.73	9116.000946729500	Buy
2020-05-23	9169.8	9303.2	9098.9	812560.0	9457.560000000000	9191.962305533540	Pass
2020-05-26	8897.7	8994.6	8713.9	784920.0	9256.86	8821.754340150630	Pass
2020-05-28	9199.8	9610.8	9119.2	948860.0	9193.15	9461.721936991640	Sell
2020-05-29	9573.4	9596.5	9358.1	814330.0	9158.3	9392.956454445440	Pass
2020-05-30	9424.8	9729.9	9352.7	720620.0	9176.320000000000	9595.28544991599	Pass
2020-06-01	9454.5	10301	9429.7	796680.0	9317.860000000000	10150.398020718400	Pass
2020-06-03	9527.0	9667.2	9421.7	558120.0	9446.82	9533.007226850330	Pass
2020-06-04	9667.2	9864.4	9490.9	593660.0	9536.440000000000	9680.164798072710	Pass
2020-06-05	9794.0	9846.1	9628.7	527050.0	9615.310000000000	9680.816194800060	Pass
2020-06-06	9630.8	9733.1	9549.5	370850.0	9662.360000000000	9622.84875133252	Pass
2020-06-07	9669.6	9791.8	9417.4	549200.0	9679.4	9571.721648939570	Buy
2020-06-11	9878.9	9945.2	9139.1	919300.0	9674.130000000000	9421.567506426230	Pass
2020-06-12	9283.7	9547.5	9249.4	529280.0	9668.03	9456.00769894816	Pass
2020-06-14	9470.7	9474.7	9264.4	311270.0	9603.53	9301.501302520610	Pass
2020-06-15	9345.5	9489.7	8925.6	750900.0	9582.95	9167.205515921910	Pass
2020-06-16	9425.6	9577.1	9379.3	545470.0	9568.34	9482.327640353890	Pass
2020-06-17	9523.6	9543.6	9258.2	446450.0	9540.540000000000	9327.642166418070	Pass
2020-06-18	9464.6	9480.4	9289.3	391670.0	9501.560000000000	9321.149887929530	Pass

2020-06-21	9358.8	9411.2	9288.5	335990.0	9405.4	9314.319495202930	Pass
2020-06-22	9296.5	9751.9	9285.8	523320.000000000000	9427.110000000000	9654.306858145650	Sell
2020-06-23	9683.9	9715.6	9581.8	375490.0	9442.440000000000	9593.525531801720	Pass
2020-06-25	9300.8	9327.3	9022.6	524450.0	9420.32	9104.024523923290	Buy
2020-06-26	9247.5	9296.5	9060.1	489840.0	9383.97	9127.5235665665	Pass
2020-06-29	9122.8	9229.1	9033.6	401120.0	9299.07	9118.161687880420	Pass
2020-07-02	9229.9	9259.7	8962.1	483100.0	9210.22	9041.407496157940	Pass
2020-07-04	9067.1	9182.3	9049.6	261250.0	9137.71	9115.879692684200	Pass
2020-07-05	9134.3	9149.6	8932.1	314100.0	9121.06	8977.034616221040	Pass
2020-07-06	9080.4	9363.0	9063.2	510270.0	9138.96	9276.073631159500	Sell
2020-07-13	9300.5	9329.6	9207.6	456870.0	9253.880000000000	9216.607270903370	Pass
2020-07-14	9243.1	9274.8	9135.7	453830.0	9265.78	9154.45320679864	Buy
2020-07-17	9135.4	9181.9	9091.5	310920.0	9247.16	9104.419772873080	Pass
2020-07-18	9155.8	9198.8	9126.7	276400.0	9221.190000000000	9130.504430293900	Pass
2020-07-20	9208.1	9218.4	9139.9	312980.0	9206.15	9126.87075085872	Pass
2020-07-23	9513.6	9646.5	9451.1	425660.0	9278.440000000000	9539.606732782350	Sell
2020-07-25	9546.7	9729.3	9536.2	306290.0	9358.28	9653.363917107020	Pass
2020-07-28	10961	11046	10873	658370.0	9798.53	10898.371587628100	Pass
2020-07-29	10908	11336	10771	576830.0	9988.32	11137.308069347900	Pass
2020-08-07	11757	11901	11352	517000.0	11389.870000000000	11571.747949294000	Pass
2020-08-08	11591	11805	11533	317060.0	11455.710000000000	11688.616409535600	Pass
2020-08-13	11557	11772	11298	545670.0	11632.21	11532.931176166100	Pass
2020-08-14	11771	11835	11651	435440.0	11688.82	11690.989165122700	Pass
2020-08-16	11845	11922	11688	410810.0	11714.03	11754.0504412256	Pass
2020-08-17	11898	12444	11764	628410.0	11783.09	12244.151315894000	Pass
2020-08-18	12283	12381	11842	606790.0	11801.42	12026.344809042500	Pass
2020-08-20	11751	11881	11672	430930.0	11805.09	11758.554222025800	Pass
2020-08-21	11856	11877	11495	506380.0	11818.97	11589.462269768900	Buy
2020-08-22	11529	11677	11382	433980.0	11829.380000000000	11517.025368946300	Pass
2020-08-23	11661	11705	11520	377330.0	11816.45	11556.385709881800	Pass
2020-08-24	11641	11824	11587	429130.0	11816.72	11714.83087160600	Pass
2020-08-26	11324	11533	11254	513060.000000000000	11721.0	11415.505694233700	Pass
2020-08-29	11527	11576	11433	389850.0	11555.25	11453.210231623400	Pass
2020-08-30	11468	11704	11462	409360.0	11539.760000000000	11619.108929311500	Pass
2020-08-31	11701	11760	11563	496140.0	11551.26	11603.094870162700	Pass
2020-09-03	11413	11442	10009	9650.0	11395.32	10541.60523237570	Pass

2020-09-04	10168	10614	9960.3	12500.0	11310.09	10425.270685437300	Pass
2020-09-06	10092	10337	10004	12120.0	11069.98	10235.762730313300	Pass
2020-09-09	10126	10343	9984.6	71370.0	10673.04	10201.487650259200	Pass
2020-09-12	10390	10476	10275	48490.0	10292.98	10350.503277831700	Pass
2020-09-13	10441	10579	10219	66120.0	10308.7	10382.62232101210	Pass
2020-09-16	10785	11093	10669	94940.0	10463.6	10940.376512159900	Sell
2020-09-17	10950	11039	10755	77220.0	10520.04	10854.779411221400	Pass
2020-09-18	10941	11029	10818	63480.0	10600.68	10890.786711368300	Pass
2020-09-19	10933	11177	10890	51630.0	10686.4	11075.614677752200	Pass
2020-09-20	11081	11081	10772	53390.0	10744.580000000000	10837.435925537200	Pass
2020-09-21	10919	10987	10328	109850.0	10747.24	10569.508339445900	Buy
2020-09-23	10531	10535	10146	74950.0	10747.33	10257.133130506800	Pass
2020-09-24	10238	10787	10201	82950.0	10753.74	10680.199409345000	Pass
2020-09-26	10688	10793	10650	37850.0	10721.930000000000	10712.169309198900	Pass
2020-09-27	10727	10799	10602	40920.0	10705.42	10667.459505307700	Pass
2020-09-30	10843	10847	10667	55550.0	10642.810000000000	10686.948728641700	Pass
2020-10-01	10776	10913	10462	95330.0	10663.18	10659.546774464600	Pass
2020-10-02	10619	10662	10387	77940.0	10667.26	10469.99087486100	Pass
2020-10-03	10572	10597	10501	29100.0	10697.95	10506.247348901500	Pass
2020-10-04	10544	10693	10520	31400.0	10691.3	10620.495372936600	Pass
2020-10-06	10790	10800	10530	69070.0	10688.84	10590.391713350100	Pass
2020-10-08	10670	10948	10549	79780.0	10701.4	10802.379617073100	Pass
2020-10-10	11053	11475	11053	65810.0	10774.960000000000	11382.501517370300	Sell
2020-10-14	11424	11541	11293	59120.0	11108.880000000000	11392.92059908530	Pass
2020-10-15	11421	11590	11276	70840.0	11180.23	11431.130940786800	Pass
2020-10-16	11503	11542	11224	71420.0	11252.17	11312.029641996000	Pass
2020-10-18	11362	11506	11349	31510.0	11379.57	11434.85101612800	Pass
2020-10-19	11507	11823	11413	73040.0	11449.49	11685.108102751500	Pass
2020-10-22	12805	13183	12698	113310.0	11798.84	13007.645842511000	Pass
2020-10-23	12972	13025	12738	73940.0	11949.870000000000	12800.038811867400	Pass
2020-10-25	13117	13345	12900	59730.0	12272.470000000000	13118.387197422900	Pass
2020-10-26	13033	13229	12792	89470.0	12446.43	12995.174429847600	Pass
2020-10-30	13457	13667	13134	108770.0	13188.220000000000	13385.83424749730	Pass
2020-10-31	13560	14065	13441	102750.0	13287.080000000000	13881.288753226800	Pass
2020-11-07	15578	15754	14385	160730.0	14229.41	14919.594329785100	Pass
2020-11-08	14826	15648	14720	94990.0	14432.060000000000	15437.097281016300	Pass

2020-11-09	15483	15819	14816		165040.0	14608.790000000000	15297.5194661017	Pass
2020-11-10	15328	15465	15096		93360.0	14759.420000000000	15229.839349243600	Pass
2020-11-11	15303	15953	15281		119070.0	14953.060000000000	15805.16284939970	Pass
2020-11-13	16293	16474	15973		113750.0	15456.820000000000	16171.78144970120	Pass
2020-11-17	16715	17845	16562		175870.0	16083.13	17563.85630370700	Pass
2020-11-18	17662	18466	17258		233430.0	16312.220000000000	18042.34499248990	Pass
2020-11-22	18689	18751	17644		121760.0	17407.97	18002.0790077287	Pass
2020-11-24	18394	19416	18074		180790.0	17921.67	19038.227118109600	Pass
2020-11-28	17142	17874	16874		95200.0	18185.380000000000	17586.640318506400	Buy
2020-11-29	17729	18336	17530		79120.0	18223.580000000000	18088.214440497700	Pass
2020-12-01	19697	19897	18257		208720.0	18334.22	18889.125178273400	Sell
2020-12-03	19219	19596	18883		99970.0	18520.18	19256.05883728590	Pass
2020-12-05	18657	19172	18507		59440.0	18513.080000000000	18946.228250886000	Pass
2020-12-10	18546	18551	17926		85310.0	18889.780000000000	18093.800588922800	Buy
2020-12-12	18026	18936	18025		71370.0	18774.08	18785.212140013700	Pass
2020-12-13	18808	19403	18716		82450.0	18748.43	19206.20556456300	Sell
2020-12-14	19176	19346	19007		67110.0	18810.0	19130.58394549840	Pass
2020-12-15	19273	19556	19076		98390.0	18838.840000000000	19311.46871841980	Pass
2020-12-16	19434	21525	19299		199810.0	19036.07	21164.910217866400	Pass
2020-12-18	22823	23272	22361		131800.0	19881.670000000000	22791.81687071080	Pass
2020-12-19	23127	24107	22797		133880.0	20411.47	23663.428470088800	Pass
2020-12-20	23843	24280	23098		114090.0	20934.240000000000	23626.37864981460	Pass
2020-12-21	23474	24101	22015		154690.0	21404.730000000000	23017.11953927990	Pass
2020-12-22	22730	23825	22388		130750.0	21906.16	23400.911930109900	Pass
2020-12-23	23820	24063	22694		178470.0	22314.27	23218.847106761400	Pass
2020-12-25	23728	24778	23445		2400.0	23286.010000000000	24398.359694721800	Pass
2020-12-26	24714	26826	24515		155770.0	23796.230000000000	26390.221341492800	Pass
2020-12-30	27374	28979	27374		159820.0	25425.39	28674.14791453420	Pass
2020-12-31	28866	29298	28025		136690.0	26047.48	28561.826700732000	Pass
2021-01-01	28951	29627	28712		100900.0	26601.15	29241.61340305750	Pass
2021-01-02	29359	33233	29008		240870.0	27494.690000000000	32516.928033616200	Pass
2021-01-03	32192	34755	32029		155210.0	28416.93	34216.04692326760	Pass
2021-01-05	32015	34414	30010		202130.0	29903.940000000000	32808.16654312080	Pass
2021-01-06	33999	36934	33408		227560.0	30957.130000000000	36108.23580404560	Pass
2021-01-07	36798	40340	36361		249600.0	32197.370000000000	39514.10394366890	Pass
2021-01-08	39466	41921	36613		251290.0	33519.7	39692.79870348880	Pass

2021-01-09	40607	41363	38775	128420.000000000000	34648.02	39888.24598709250	Pass
2021-01-10	40149	41362	35141	215780.0	35572.3	37960.340521534200	Pass
2021-01-11	38195	38217	30411	251040.0	36190.740000000000	33296.65588257470	Buy
2021-01-12	35426	36598	32572	241930.0	36379.020000000000	34619.073146414900	Pass
2021-01-15	39175	39715	34488	118420.0	37822.090000000000	36626.902640858700	Pass
2021-01-16	36751	37931	35408	137020.0	37744.72	36857.800154575800	Pass
2021-01-17	36020	36801	33883	126820.0	37382.660000000000	35293.25767155510	Pass
2021-01-18	35838	37436	34801	111520.0	36984.05	36520.50371167110	Pass
2021-01-19	36630	37821	36001	79110.0	36569.150000000000	37159.96311317800	Sell
2021-01-23	32994	33441	31418	100700.0	35190.45	32329.68601029020	Buy
2021-01-24	32088	33034	30982	88210.0	34497.01	32173.52756689110	Pass
2021-01-25	32244	34854	31967	142430.0	34037.660000000000	34340.686083091700	Pass
2021-01-26	32244	32917	30850	139840.0	33685.92	31886.116129229200	Pass
2021-01-29	33381	38546	31953	297730.0	32648.410000000000	37071.61147229770	Sell
2021-01-30	34300	34920	32908	128570.0	32529.090000000000	33828.36974745540	Pass
2021-01-31	34281	34348	32189	101920.0	32755.690000000000	32885.21014425690	Pass
2021-02-07	39228	39691	37381	125370.0	36172.99	38290.18194304120	Pass
2021-02-08	38853	46596	38057	248470.0	37382.38	45248.53052261650	Pass
2021-02-09	46396	48143	45104	193870.0	38604.93	46847.99402266710	Pass
2021-02-12	47995	48927	46218	133730.0	42413.87	47440.274651482300	Pass
2021-02-14	47172	49695	47051	106500.0	44532.190000000000	49130.16691547420	Pass
2021-02-15	48611	48936	45786	123180.0	45496.06	46908.96614672580	Pass
2021-02-17	49161	52577	49018	140030.0	47810.0	51936.38455231680	Pass
2021-02-18	52094	52524	50941	94350.0	48328.65	51466.72370172830	Pass
2021-02-21	55907	58335	55502	87260.0	51321.53	57528.49607688780	Pass
2021-02-24	48911	51311	47031	153750.0	52275.2	49793.40360935160	Buy
2021-02-25	49695	52013	46773	83220.0	52174.42	49856.301041777300	Pass
2021-02-27	46333	48335	45059	98750.0	51297.760000000000	47257.565029682200	Pass
2021-02-28	46136	46582	43100	135080.0	50655.940000000000	44564.90602404780	Pass
2021-03-01	45160	49774	45008	137520.0	50024.83	49158.144028794800	Pass
2021-03-02	49595	50191	47100	102100.0	49274.88	48385.61605692270	Pass
2021-03-03	48422	52567	48159	44930.0	48571.010000000000	51826.475651384100	Sell
2021-03-04	50388	51757	47521	9560.0	48002.63	49625.316704050900	Pass
2021-03-06	48798	49191	47132	66660.0	47906.57	47896.7638137685	Pass
2021-03-08	50988	52384	49338	68140.0	48908.490000000000	50983.344803061600	Pass
2021-03-09	52352	54880	51941	114060.0	49782.72	54114.869882068000	Pass

2021-03-11	55851	58135	54351		129630.0	51671.910000000000	56687.43304641980	Pass
2021-03-13	57267	61795	56118		134640.0	53636.020000000000	60375.09945626350	Pass
2021-03-15	59117	60565	55088		117710.0	55404.470000000000	57656.25621280300	Pass
2021-03-18	58911	60088	57099		102620.0	57535.5	58578.976547365800	Pass
2021-03-25	52330	53175	50441		143350.0	55928.29	51768.05277015740	Buy
2021-03-26	51317	55074	51302		100300.0	55742.930000000000	54573.78573093440	Pass
2021-04-01	58763	59406	58040		69040.0	55863.39	58573.026225711400	Sell
2021-04-04	57059	58464	56470		57210.0	57477.08	57715.85430953360	Pass
2021-04-05	58202	59205	56842		54130.0	57872.81	58006.57417339580	Pass
2021-04-07	57996	58627	55489		110690.0	58104.5	56776.189739079100	Buy
2021-04-09	58076	58890	57686		59220.0	58085.36	58298.19713758610	Pass
2021-04-10	58127	61229	57900		103720.0	58183.83	60543.74314427800	Sell
2021-04-12	59982	61259	59569		81880.0	58398.52	60576.90905823780	Pass
2021-04-16	63211	63518	60027		136850.0	60285.27	61205.27877507790	Pass
2021-04-17	61358	62509	59672		84080.0	60694.590000000000	61078.87007742140	Pass
2021-04-19	56208	57517	54272		117510.0	60260.3	56031.82385733640	Buy
2021-04-22	53821	55408	50590		168130.0	58504.5	53142.10235107030	Pass
2021-04-24	51140	51183	48775		82250.0	55975.620000000000	49584.77209263680	Pass
2021-04-25	50088	50532	47098		59200.0	54550.380000000000	48524.08070128800	Pass
2021-04-28	55036	56419	53876		86960.0	53177.35	55298.33950958560	Sell
2021-04-29	54838	55173	52400		83900.0	52968.820000000000	53369.837395979300	Pass
2021-04-30	53562	57925	53088		103740.0	53092.530000000000	57000.8599175633	Pass
2021-05-02	57807	57868	56110		53610.0	53978.65	56485.41284037530	Pass
2021-05-04	57170	57201	53741		132330.0	54946.530000000000	54806.76448970400	Pass
2021-05-05	53872	57936	53872		119820.0	55794.3	57362.19302831330	Pass
2021-05-06	57441	58364	55294		109020.0	56032.79	56682.338790416500	Pass
2021-05-09	58840	59227	56414		103590.0	57130.48	57408.41267028880	Pass
2021-05-10	58251	59523	53678		142610.0	56943.340000000000	56347.39980123930	Buy
2021-05-11	55846	56871	54550		96470.0	56832.2	55743.40313115960	Pass
2021-05-12	56694	57938	49187		160740.0	56110.240000000000	53016.73408918650	Pass
2021-05-16	46729	49764	43920		180070.0	52902.4	47693.63055640500	Pass
2021-05-18	43538	45770	42293		154960.0	49928.53	44729.81643720930	Pass
2021-05-21	40611	42108	33592		315500.0	44323.75	37613.19347066280	Pass
2021-05-22	37291	38776	35314		185830.0	43130.16	37377.56403773190	Pass
2021-05-23	37446	38248	31192		325730.0	41627.67	34296.05544381780	Pass
2021-05-24	34720	39851	34474		244880.0	40518.75	39202.90923548430	Pass

2021-05-25	38753	39740	36540	163010.0	39685.7	38147.60001213650	Pass
2021-05-26	38375	40750	37847	153800.0	38967.980000000000	40052.07375306610	Sell
2021-05-27	39249	40322	37190	122930.0	38455.58	38783.071038565500	Pass
2021-05-29	35664	37227	33664	160430.0	37518.51	35746.09010656030	Buy
2021-06-01	37294	37850	35742	113480.0	36936.12	36677.261701564700	Pass
2021-06-03	37555	39462	37193	106440.0	37267.4	38893.50897368320	Sell
2021-06-08	33574	34047	31158	193540.0	36152.97	32429.3029861332	Buy
2021-06-09	33385	37517	32428	209820.0	36320.910000000000	36480.65561064420	Pass
2021-06-10	37375	38340	35824	154320.0	36255.990000000000	37119.004204754000	Sell
2021-06-14	39024	40970	38769	157350.0	36461.23	40414.36656277940	Pass
2021-06-17	38337	39529	37425	109580.0	37624.3	38677.495888389200	Pass
2021-06-19	35770	36357	34845	105460.0	37679.07	35607.48893210780	Buy
2021-06-20	35510	36097	33378	137480.0	37573.710000000000	34623.34902227640	Pass
2021-06-27	32247	34685	32041	148800.0	33790.3	34225.05541911760	Sell
2021-06-29	34477	36590	34247	97270.0	33695.08	36091.25022150100	Pass
2021-06-30	35832	36089	34126	107070.0	33638.190000000000	34823.53135620710	Pass
2021-07-01	35030	35032	32839	27410.0	33823.35	33519.05950020970	Pass
2021-07-02	33542	33925	32734	78930.0	33955.05	33249.01460713770	Buy
2021-07-07	34228	35036	33801	72030.0	34451.67	34546.80242893820	Pass
2021-07-09	32866	34079	32367	67140.0	34086.980000000000	33537.0416997975	Pass
2021-07-11	33510	34580	33319	35720.0	34003.760000000000	34220.77515217940	Pass
2021-07-15	32820	33157	31175	76950.0	33299.77	31984.67264288080	Pass
2021-07-17	31384	31914	31207	58060.0	32781.69	31634.74052219690	Pass
2021-07-19	31782	31887	30478	77480.0	32377.580000000000	30946.132299914400	Pass
2021-07-23	32297	33605	32041	66150.0	31802.380000000000	33174.23907913820	Sell
2021-07-26	35392	40522	35236	177630.0	32846.11	39779.453761256600	Pass
2021-07-27	37294	39455	36427	100240.0	33639.45	38503.89613348490	Pass
2021-07-28	39450	40862	38883	148920.0	34461.23	40117.75297588220	Pass
2021-08-01	41510	42565	39556	80330.0	38318.78	41037.91015492130	Pass
2021-08-02	39869	40449	38692	74810.0	38875.29	39476.40099620380	Pass
2021-08-05	39734	41366	37365	130600.0	40099.480000000000	39611.441659789300	Buy
2021-08-09	43794	46460	42824	117080.0	41682.15	45398.07891292110	Sell
2021-08-12	45562	46213	43814	81070.0	43178.260000000000	44838.10171909400	Pass
2021-08-13	44404	47836	44242	75270.0	44146.14	47227.8795699937	Pass
2021-08-14	47809	48090	46117	64290.000000000000	44880.6	46758.70308674980	Pass
2021-08-15	47082	47344	45564	58110.0	45493.01	46145.8345400511	Pass

2021-08-16	46991	48002	45672		2410.0	45813.1	46870.81937358190	Pass
2021-08-20	46756	49343	46646		83190.0	46334.12	48821.69029200250	Pass
2021-08-22	48870	49480	48151		49320.0	47150.380000000000	48723.31594532100	Pass
2021-08-27	46830	49142	46371		62470.0	48107.880000000000	48463.385124959400	Pass
2021-08-29	48899	49621	47870		47620.0	48727.36	48695.78816750460	Pass
2021-08-30	48777	48886	46876		61680.0	48494.230000000000	47484.963046749700	Buy
2021-09-01	47129	49121	46533		74380.0	48276.180000000000	48382.13070810370	Pass
2021-09-03	49269	51008	48377		88080.0	48478.07	50067.11935945060	Sell
2021-09-04	49999	50534	49461		48140.0	48570.46	49892.66317362120	Pass
2021-09-05	49918	51878	49492		57300.0	49064.16	51195.25958869270	Pass
2021-09-08	46774	47316	44493		100480.0	48941.59	45703.17636829520	Buy
2021-09-10	46385	47021	44283		75620.0	48652.12	45511.796573900400	Pass
2021-09-21	43012	43619	39646		142550.0	46031.8	41379.59436139030	Pass
2021-09-22	40660	43976	40585		93980.0	45780.730000000000	43543.9955820125	Pass
2021-09-23	43550	44949	43090		74540.0	45772.7	44379.07552616320	Pass
2021-09-26	42685	43907	40786		69910.0	44348.1	42479.33143970920	Pass
2021-09-27	43200	44293	42143		54120.0	43837.08	43363.010652345800	Pass
2021-09-29	41023	42571	40815		48210.0	42538.45	42141.18868981830	Pass
2021-09-30	41534	44101	41416	64320.000000000000		42633.72	43630.431195812300	Sell
2021-10-01	43824	48435	43292		94660.0	43383.19	47505.435492293900	Pass
2021-10-02	48147	48306	47451		39820.0	43794.72	47559.27359580440	Pass
2021-10-07	55325	55325	53476		75680.0	48019.91	53807.003113434000	Pass
2021-10-11	54686	57814	54457		73840.0	52669.29	57107.71613928960	Pass
2021-10-13	56014	57697	54314		73620.0	54422.19	56225.89629202260	Pass
2021-10-18	61525	62623	60026		80150.0	58396.67	61266.78298026170	Pass
2021-10-21	66004	66616	62092		105380.0	60932.7	63788.82959485690	Pass
2021-10-24	61308	61469	59523		42670.0	62145.45	60091.16886605540	Buy
2021-10-25	60864	63694	60655		51060.0	62284.9	63055.66084153510	Sell
2021-10-27	60312	61452	58112		88110.0	61920.930000000000	59759.95125440280	Buy
2021-10-28	58437	62251	58128		88470.0	61773.55	61514.86680808150	Pass
2021-10-29	60579	62952	60322		63390.0	61569.98	62315.08426778350	Sell
2021-10-30	62245	62338	60786		40510.0	61156.080000000000	61122.812483615400	Pass
2021-11-01	61310	62430	59612		61210.0	61088.52	61004.87690917330	Pass
2021-11-03	63223	63508	60883		61050.0	61484.640000000000	61728.962170251300	Pass
2021-11-05	61411	62560	60742		44460.0	61385.55	61755.53943254910	Pass
2021-11-08	63276	67763	63276		81080.0	62487.71	67059.86594421560	Pass

2021-11-09	67528	68493	66334	66130.0	62994.14	67276.556539896	Pass
2021-11-10	66942	68990	62951	96210.0	63356.44	66017.35143014740	Pass
2021-11-12	64782	65449	62309	63270.0	63836.86000000000	63564.59572875630	Pass
2021-11-13	64133	64906	63381	30340.0	63984.87000000000	64067.111311074400	Pass
2021-11-17	60074	60814	58531	73930.0	64226.77000000000	59597.61689018110	Buy
2021-11-18	60368	60936	56524	100370.0	63169.51000000000	58321.77094064140	Pass
2021-11-20	58080	59854	57435	44530.0	61765.91000000000	59094.53393715460	Pass
2021-11-23	56304	57855	55542	72480.0	59691.56	57046.27532076970	Pass
2021-11-26	58937	59151	53533	104030.0	57755.81	55562.50222388570	Pass
2021-11-27	53747	55280	53654	40710.0	57195.62000000000	54891.04308186800	Pass
2021-11-28	54758	57392	53448	49280.0	57229.24000000000	56155.735601335700	Pass
2021-11-29	57288	58855	56726	58650.0	57200.38000000000	58099.978448463700	Sell
2021-11-30	57795	59174	55936	73660.0	56916.91000000000	57636.610915308800	Pass
2021-12-02	57207	57377	55807	54940.0	56785.23	56228.06858355610	Pass
2021-12-04	53620	53847	42587	168000.0	55593.41000000000	46947.497465989500	Buy
2021-12-06	49412	50913	47237	89680.0	54323.57000000000	49319.44440290830	Pass
2021-12-07	50547	51918	50070	56290.0	53906.5	51325.97525178270	Pass
2021-12-09	50477	50790	47341	58690.0	52204.92	48655.19344951080	Pass
2021-12-14	46709	48635	46338	62540.0	49023.61	48060.318120628000	Pass
2021-12-15	48366	49477	46572	80280.0	48970.21	48075.16620630710	Pass
2021-12-16	48876	49387	47543	48200.0	48676.82000000000	48296.75423367980	Pass
2021-12-17	47630	47997	45523	67500.0	48234.52000000000	46471.98354014170	Pass
2021-12-19	46855	48270	46438	44050.0	47783.54	47685.69537507060	Pass
2021-12-20	46703	47488	45577	57530.0	47759.34000000000	46532.449404019200	Pass
2021-12-22	48898	49540	48449	40890.0	47569.96	48950.894212248400	Sell
2021-12-25	50789	51140	50196	26670.0	48375.15000000000	50460.00202573820	Pass
2021-12-26	50404	51247	49527	32340.00000000000	48690.32	50368.79973392210	Pass
2021-12-27	50783	52016	50459	43900.0	49140.92	51437.47101303360	Pass
2021-12-28	50703	50703	47345	74390.0	49209.82000000000	48402.6060610992	Buy
2021-12-29	47548	48121	46127	63920.0	49185.54000000000	47011.355954174100	Pass
2022-01-01	46217	47917	46217	31240.0	48853.93	47594.514270486200	Pass
2022-01-03	47293	47556	45704	41060.0	48069.42	46356.23711197140	Pass
2022-01-04	46435	47505	45602	55590.0	47612.51	46705.08188844220	Pass
2022-01-05	45833	47019	42535	83740.0	46877.11	44724.745184964800	Pass
2022-01-06	43431	43772	42481	63080.0	46119.04000000000	43003.970222423	Pass
2022-01-09	41681	42764	41260	37510.0	44512.72	42265.74556465510	Pass

2022-01-11	41829	43090	41287		61780.0		43573.51	42483.13019880090	Pass
2022-01-12	42735	44243	42476		53950.0		43232.43	43760.10790100410	Sell
2022-01-15	43073	43777	42586		31440.0		42536.12	43203.87188427100	Pass
2022-01-17	43080	43179	41559		41440.0		42600.54	42034.018099657200	Buy
2022-01-19	42365	42558	41160		53770.0		42652.75	41612.284759671900	Pass
2022-01-21	40698	41104	35503		155800.0		41915.35	37759.78086214460	Pass
2022-01-24	36268	37424	32985		153770.0	39765.0200000000000	35230.961579656500		Pass
2022-01-27	36800	37215	35543		83520.0	38018.0100000000000	36263.39973545660		Pass
2022-01-28	37195	37995	36176		69450.0		37556.06	37138.31378506540	Pass
2022-01-29	37736	38663	37350		42770.0		37205.36	38158.95763048970	Sell
2022-02-05	41566	41899	40963		46320.0		38536.39	41250.19120973570	Pass
2022-02-06	41411	42614	41176		31200.0		39059.18	42127.40386586400	Pass
2022-02-14	42061	42799	41591		53600.0		42879.13	42262.073102588500	Buy
2022-02-17	43885	44167	40103		72630.0		43013.39	41632.7594099788	Pass
2022-02-18	40532	40935	39505	64960.000000000000			42609.58	40119.55277868880	Pass
2022-02-19	40000	40434	39666		25780.0		42179.72	40039.36492577490	Pass
2022-02-21	38355	39444	36868		91820.0		41126.05	38317.369962625700	Pass
2022-02-23	38248	39194	37099		64840.0		40246.7	38270.504622636	Pass
2022-02-25	38339	39683	38042		83780.0		39292.11	39220.44636221910	Pass
2022-02-27	39116	39838	37062		66140.0		38528.93	38337.49525087940	Pass
2022-03-01	43187	44900	42876		90670.0		39280.74	44287.4938985624	Sell
2022-03-02	44420	45294	43361		80820.0	39836.520000000000	44282.26139527010		Pass
2022-03-03	43912	44077	41840		74110.0		40381.05	42535.41726014540	Pass
2022-03-07	38420	39532	37182		3020.0		40575.53	38543.69619112920	Buy
2022-03-08	38020	39351	37886		2670.0		40538.46	39018.74957511410	Pass
2022-03-09	38731	42538	38663		3600.0		40962.45	42030.57109589020	Sell
2022-03-11	39422	40177	38236		2790.0		40016.25	39217.319083001000	Buy
2022-03-12	38730	39355	38666		1110.0		39506.4	39089.32419030740	Pass
2022-03-21	41282	41532	40530		406620.0		40389.58	40829.66438786070	Sell
2022-03-22	41022	43327	40893		537060.0		40745.45	42838.54096111160	Pass
2022-03-25	44013	45112	43622		494090.0	42196.130000000000	44524.029009387300		Pass
2022-03-26	44331	44818	44090		196300.0	42539.060000000000	44377.91678424010		Pass
2022-03-31	47071	47624	45228		520000.0		45219.0	46190.006312878	Pass
2022-04-01	45529	46728	44261		632930.0		45611.4	45625.69010760050	Pass
2022-04-02	46299	47212	45641		345930.0		45901.3	46496.05597548890	Pass
2022-04-03	45813	47435	45554		398860.0		46140.7	46914.310629653	Pass

2022-04-06	45494	45519	43122	649520.0	46097.7	43858.32376959510	Buy
2022-04-08	43450	43979	42113	467830.0	45214.6	42935.474431861	Pass
2022-04-11	42144	42418	39202	608380.0	43765.1	40429.24589651600	Pass
2022-04-13	40072	41515	39581	406700.0	42664.4	40938.37481409890	Pass
2022-04-14	41133	41494	39585	294290.0	41995.1	40337.65494344330	Pass
2022-04-20	41499	42203	40915	382840.0	40496.3	41561.72871660340	Sell
2022-04-22	40487	40792	39200	421300.0	40557.9	39783.55043998390	Buy
2022-04-24	39434	39929	39033	283630.0	40339.2	39462.14386499760	Pass
2022-04-25	39464	40599	38233	654600.0	40325.9	39568.29506880380	Pass
2022-04-27	38113	39447	37869	426830.0	40053.0	39026.14567206440	Pass
2022-04-28	39243	40382	38888	542390.0	39947.5	39879.9449006354	Pass
2022-04-29	39748	39919	38175	382900.0	39655.3	38751.280192412200	Pass
2022-05-01	37642	38676	37397	276990.0	39081.4	38276.95980640050	Pass
2022-05-05	39686	39833	36183	1040.0	38426.0	37494.233193251000	Pass
2022-05-06	36540	36646	35267	752840.0	38215.6	35702.31661084100	Pass
2022-05-07	36003	36119	34773	288860.0	37838.1	35217.99647344120	Pass
2022-05-08	35468	35497	33727	671050.0	37269.3	34287.57606844730	Pass
2022-05-11	31008	32113	27835	296900.0	34817.17	30020.003910229700	Pass
2022-05-12	29073	30136	26500	309480.0	33863.37	28434.645114678600	Pass
2022-05-14	29285	30277	28666	70460.0	32059.25	29728.14561924080	Pass
2022-05-17	29856	30720	29484	79630.0	30416.670000000000	30287.67926132190	Pass
2022-05-18	30437	30687	28648	92030.0	29879.040000000000	29429.727210738400	Pass
2022-05-21	29188	29623	28953	32270.000000000000	29753.880000000000	29313.97257014470	Pass
2022-05-24	29091	29810	28706	79420.0	29822.660000000000	29389.293653680500	Pass
2022-05-25	29648	30202	29353	78850.0	29645.85	29833.2005809918	Pass
2022-05-26	29537	29868	28077	126710.0	29581.3	28816.768731034900	Pass
2022-05-31	31730	32377	31221	86600.0	29838.290000000000	31827.68436392410	Sell
2022-06-01	31793	31969	29396	135090.0	29789.48	30318.63192534650	Pass
2022-06-05	29865	30166	29539	30330.0	30034.240000000000	29803.38357933600	Pass
2022-06-06	29911	31753	29888	94010.0	30310.880000000000	31446.674811586000	Pass
2022-06-12	28404	28534	26606	120020.0	29636.7	27322.882553070600	Buy
2022-06-14	22449	23200	20860	251010.0	28140.71	22168.516347330400	Pass
2022-06-15	22137	22754	20125	280410.0	27407.2	21472.02846411600	Pass
2022-06-16	22577	22942	20231	144000.0	26309.1	21453.016745782800	Pass
2022-06-17	20391	21315	20244	136270.0	25240.68	21135.8321239055	Pass
2022-06-20	20576	20996	19658	140600.0	22316.010000000000	20338.771270980000	Pass

2022-06-21	20571	21689	20371	136320.0	21547.71	21392.492910215700	Pass
2022-06-22	20720	20864	19780	125940.0	20883.660000000000	20187.844186271700	Pass
2022-06-24	21100	21488	20743	104560.0	20655.89	21131.04552447920	Sell
2022-06-26	21489	21837	20989	67210.0	20612.78	21388.20224304670	Pass
2022-06-27	21037	21497	20568	84690.0	20641.34	21067.66397710870	Pass
2022-06-28	20727	21200	20210	83830.0	20770.490000000000	20749.941305556700	Pass
2022-06-30	20111	20155	18682	127730.0	20659.330000000000	19202.507599878	Buy
2022-07-02	19275	19425	19006	58570.0	20441.32	19179.492499170800	Pass
2022-07-06	20180	20654	19785	105240.0	19983.96	20276.145269270300	Sell
2022-07-10	21587	21599	20689	204680.0	20447.74	20929.813588319900	Pass
2022-07-11	20847	20855	19897	160200.0	20517.770000000000	20173.54989831830	Buy
2022-07-12	19963	20051	19279	167910.0	20526.54	19544.197374166700	Pass
2022-07-14	20250	20862	19664	205280.0	20657.57	20365.267651072600	Pass
2022-07-18	20785	22714	20770	279720.0	20791.140000000000	22440.020239359500	Sell
2022-07-21	23219	23403	22360	217080.0	21529.170000000000	22724.679170440500	Pass
2022-07-24	22449	22987	22281	126660.0	22284.25	22728.907166034000	Pass
2022-07-27	21248	23027	21047	242660.0	22553.08	22675.23703204420	Pass
2022-07-28	22957	24190	22611	268320.0	22685.5	23758.55620689320	Pass
2022-07-29	23850	24340	23451	221660.0	22721.91	23919.72391587900	Pass
2022-08-01	23303	23484	22863	162330.0	22838.45	23081.297601939400	Pass
2022-08-02	23271	23423	22670	177300.0	22891.270000000000	22927.067827477200	Pass
2022-08-03	22988	23623	22698	174660.0	22915.140000000000	23281.06283143390	Pass
2022-08-05	22613	23447	22593	208900.0	23252.11	23264.814914652800	Pass
2022-08-08	23175	24234	23160	197940.0	23187.43	24022.06788804480	Pass
2022-08-10	23150	24209	22714	243610.0	23204.630000000000	23743.932889018000	Pass
2022-08-16	24102	24240	23693	201700.0	23913.9	23859.668988380600	Pass
2022-08-21	21138	21692	21077	177520.0	23113.15	21539.801512362900	Buy
2022-08-22	21516	21517	20912	251830.0	22814.91	21067.797487922400	Pass
2022-08-24	21516	21832	21171	202400.0	22228.62	21503.761821743700	Pass
2022-08-27	20249	20343	19849	187340.0	21283.89	20012.938238267600	Pass
2022-08-29	19551	20394	19551	248040.0	20865.0	20249.32190439740	Pass
2022-08-30	20295	20558	19559	308410.0	20730.370000000000	19997.22025586890	Pass
2022-08-31	19793	20469	19793	318170.0	20583.04	20325.61720277840	Pass
2022-09-01	20049	20202	19584	275080.0	20454.02	19815.329404360800	Pass
2022-09-02	20131	20428	19764	272220.0	20297.57	20083.710688086500	Pass
2022-09-03	19952	20043	19660	157850.0	20144.190000000000	19765.818898065200	Pass

2022-09-04	19832	20017	19594	158270.0	19987.64	19764.802814104300	Pass
2022-09-05	19999	20042	19650	238710.0	19941.96	19727.772783687400	Pass
2022-09-06	19793	20169	18723	402430.0	19817.21	19390.410962900800	Pass
2022-09-07	18786	19445	18548	319100.0	19790.34	19169.32545658130	Pass
2022-09-08	19281	19444	19034	291430.0	19692.5	19191.698066609900	Pass
2022-09-10	21363	21790	21139	331120.0	20010.41	21486.810072955300	Sell
2022-09-11	21650	21836	21363	297120.0	20181.29	21511.7922384905	Pass
2022-09-13	22395	22702	19909	485320.0	20459.96	21026.60010275110	Pass
2022-09-14	20175	20503	19654	374220.0	20482.22	20063.212014944400	Buy
2022-09-15	20222	20321	19532	358420.0	20473.080000000000	19797.543140947600	Pass
2022-09-18	20113	20113	19347	273110.0	20668.02	19560.52651616630	Pass
2022-09-21	18875	19758	18191	446850.0	19873.0	19191.042659582800	Pass
2022-09-22	18488	19490	18371	448630.0	19573.87	19258.15414953810	Pass
2022-09-27	19228	20361	18850	660120.0	19105.170000000000	19929.63629058780	Sell
2022-09-28	19083	19757	18505	581190.0	19104.39	19249.407843438200	Pass
2022-09-30	19593	20174	19208	490290.0	19164.86	19782.71054003440	Pass
2022-10-02	19311	19389	18937	222820.0	19211.97	19059.784903674200	Pass
2022-10-03	19057	19676	19001	333030.0	19245.45	19496.16042624760	Pass
2022-10-06	20157	20436	19873	370600.0	19595.480000000000	20128.25292033220	Pass
2022-10-13	19154	19494	18207	455130.0	19557.0	18801.511067799200	Buy
2022-10-14	19379	19933	19098	400450.0	19441.16	19618.33777539400	Pass
2022-10-19	19328	19358	19101	209280.0	19224.1	19121.60645983940	Pass
2022-10-20	19125	19334	18935	253200.0	19214.93	19108.513223912300	Pass
2022-10-21	19042	19245	18703	294660.0	19225.28	18930.632730843800	Pass
2022-10-22	19162	19249	19116	118240.0	19230.28	19123.15761481430	Pass
2022-10-23	19204	19680	19092	180630.0	19249.420000000000	19479.911152325800	Sell
2022-10-24	19571	19588	19177	286940.0	19264.39	19245.26444091190	Pass
2022-10-25	19331	20406	19249	371540.0	19365.79	20168.0276251347	Pass
2022-10-28	20293	20744	20058	318900.0	19717.64	20451.252090122300	Pass
2022-10-30	20809	20922	20522	207630.0	20044.57	20623.2467890915	Pass
2022-11-03	20154	20384	20066	347230.0	20451.620000000000	20214.32027609680	Buy
2022-11-04	20206	21281	20184	499500.0	20557.94	21077.62669000030	Sell
2022-11-06	21298	21360	20901	242260.0	20673.490000000000	20997.9700428651	Pass
2022-11-07	20916	21055	20410	414240.0	20672.95	20625.621664721800	Pass
2022-11-09	18538	18583	15603	869570.0	19970.77	16727.91748184200	Buy
2022-11-11	17589	17679	16435	466350.0	19336.690000000000	16914.133060721600	Pass

2022-11-12	17049	17100	16633		192910.0	19000.770000000000	16796.59580267560	Pass
2022-11-13	16803	16946	16274		210800.0	18612.580000000000	16564.857933710900	Pass
2022-11-14	16325	17158	15834		442460.0	18159.36	16738.99997388160	Pass
2022-11-16	16895	16993	16408		295730.0	17281.13	16612.83284748620	Pass
2022-11-17	16540	16739	16425		257000.0	16891.35	16577.30004279510	Pass
2022-11-18	16715	16846	16553		241960.0	16702.44	16653.927199172300	Pass
2022-11-20	16699	16749	16209		172830.0	16653.43	16367.551782159000	Pass
2022-11-25	16600	16611	16360		204070.0	16458.240000000000	16382.122686116900	Pass
2022-11-27	16456	16595	16414		173250.0	16423.280000000000	16477.770991080100	Pass
2022-11-28	16426	16481	16013		284840.0	16380.620000000000	16144.396687093900	Pass
2022-11-29	16211	16531	16100		271580.0	16354.740000000000	16358.372269098200	Pass
2022-11-30	16440	17215	16433		348220.0	16442.46	17061.70571199770	Sell
2022-12-01	17163	17244	16868		266140.0	16562.04	16963.612815388800	Pass
2022-12-02	16972	17096	16799		227010.0	16650.11	16892.099321663100	Pass
2022-12-04	16884	17198	16881		197120.0	16727.310000000000	17084.245208484800	Pass
2022-12-07	17089	17126	16715		244360.0	16876.970000000000	16809.15584731820	Pass
2022-12-14	17778	18351	17682		318980.0	17224.83	18145.430860097500	Pass
2022-12-15	17796	17846	17298		263440.0	17263.79	17443.04903689030	Pass
2022-12-16	17356	17518	16542		303560.0	17217.82	16923.837990934900	Buy
2022-12-18	16777	16825	16666		124290.0	17163.55	16681.327730907200	Pass
2022-12-21	16902	16919	16735		174340.0	17046.520000000000	16737.012179688200	Pass
2022-12-22	16831	16862	16566		198280.0	17007.54	16619.93785936240	Pass
2022-12-24	16778	16855	16777		110120.0	16811.67	16769.268509397800	Pass
2022-12-25	16835	16852	16733		132890.0	16759.240000000000	16707.16178632460	Pass
2022-12-26	16831	16936	16799		133360.0	16788.09	16826.050386998300	Pass
2022-12-30	16636	16644	16360		192760.0	16751.45	16397.638259968300	Pass
2023-01-01	16537	16621	16499		107840.0	16701.79	16516.10089209280	Pass
2023-01-02	16618	16766	16551		136030.0	16691.310000000000	16635.177730584600	Pass
2023-01-03	16673	16773	16607		178730.0	16675.010000000000	16643.770542776200	Pass
2023-01-04	16674	16976	16656		247390.0	16677.04	16857.50275544590	Sell
2023-01-05	16852	16877	16772		178960.0	16668.21	16742.03646009260	Pass
2023-01-06	16829	17012	16707		233470.0	16692.69	16837.428312632400	Pass
2023-01-07	16950	16979	16909		110480.0	16732.43	16867.47755891390	Pass
2023-01-09	17119	17390	17107		301240.0	16837.980000000000	17269.17871287840	Pass
2023-01-14	19926	21185	19898		458210.0	18014.130000000000	20924.812510448000	Pass
2023-01-15	20956	21032	20585		205800.0	18419.130000000000	20654.147303160900	Pass

2023-01-16	20880	21416	20698	337460.0	18842.46	21120.118435412900	Pass
2023-01-18	21137	21584	20448	388670.0	19616.97	20995.61811354160	Pass
2023-01-19	20670	21169	20669	275760.0	20007.080000000000	21011.45505661940	Pass
2023-01-20	21074	22718	20879	373740.0	20530.89	22345.4842657689	Pass
2023-01-21	22677	23304	22461	382690.0	21014.23	22975.451450505400	Pass
2023-01-23	22709	23161	22527	327850.0	21698.730000000000	22881.334283881300	Pass
2023-01-24	22916	23156	22517	334170.0	21866.16	22760.06180009060	Pass
2023-01-30	23746	23794	22560	339620.0	22979.04	22940.624108321400	Pass
2023-02-02	23726	24207	23398	382860.0	23166.970000000000	23837.25089111550	Pass
2023-02-05	23326	23423	22766	217260.0	23265.71	22960.657737954600	Buy
2023-02-06	22936	23130	22633	278580.0	23234.43	22821.920312832200	Pass
2023-02-07	22761	23338	22748	318980.0	23256.810000000000	23175.514876604000	Pass
2023-02-09	22964	23003	21744	425440.0	23073.990000000000	22147.73438102350	Pass
2023-02-10	21792	21933	21491	352790.0	22924.98	21648.892159368800	Pass
2023-02-11	21627	21902	21605	182070.0	22738.4	21779.79732093950	Pass
2023-02-12	21859	22080	21653	211650.0	22574.32	21841.92937817880	Pass
2023-02-13	21782	21887	21418	312040.0	22408.46	21559.90074542550	Pass
2023-02-15	22198	24330	22050	401530.0	22435.120000000000	23953.50851811910	Sell
2023-02-17	23538	24984	23373	523850.0	22645.080000000000	24623.93424391320	Pass
2023-02-18	24573	24838	24457	223770.0	22811.760000000000	24593.00378341640	Pass
2023-02-23	24186	24590	23637	417460.0	24098.690000000000	24099.141563040400	Pass
2023-02-25	23191	23215	22777	198350.0	24081.810000000000	22864.904215542100	Buy
2023-02-26	23166	23671	23066	209120.0	24083.72	23470.67355326260	Pass
2023-02-27	23558	23876	23166	297650.0	23975.780000000000	23501.818194792700	Pass
2023-03-02	23642	23780	23208	249260.0	23622.21	23389.09249661580	Pass
2023-03-04	22354	22403	22167	123930.0	23228.63	22193.62838722060	Pass
2023-03-05	22347	22636	22213	160570.0	23077.830000000000	22435.506148724000	Pass
2023-03-10	20362	20362	19591	655270.0	22107.45	19817.099597250400	Pass
2023-03-12	20465	22028	20294	455690.0	21642.92	21708.718696152400	Pass
2023-03-13	21994	24406	21859	733630.0	21818.92	23998.285334880300	Sell
2023-03-14	24121	26365	23994	753060.0	22054.18	25932.180607856100	Pass
2023-03-15	24699	25108	23932	614310.0	22239.620000000000	24435.958438389600	Pass
2023-03-16	24283	25139	24147	462580.0	22499.03	24827.56250418320	Pass
2023-03-17	25004	27742	24900	674960.0	23018.43	27280.029225373000	Pass
2023-03-18	27391	27659	26688	392470.0	23538.8	27004.061789886600	Pass
2023-03-25	27462	27761	27176	61360.0	27361.380000000000	27430.394722099200	Pass

2023-03-26	27474	28153	27429	60640.0	27658.32	27940.018265115900	Pass
2023-03-28	27127	27465	26665	94160.0	27666.890000000000	27036.08582604790	Buy
2023-04-01	28473	28795	28285	38090.0	27892.370000000000	28507.47253378950	Sell
2023-04-04	27802	28429	27668	64060.0	27984.0	28165.27662524900	Pass
2023-04-05	28164	28744	27823	77320.0	28004.0	28351.193072032800	Pass
2023-04-06	28173	28173	27734	51290.0	28094.690000000000	27771.55421746600	Buy
2023-04-08	27910	28153	27863	23730.0	28118.590000000000	27974.467927350500	Pass
2023-04-12	30209	30473	29679	78690.0	28609.190000000000	29956.234528121800	Sell
2023-04-14	30387	30964	30026	98380.0	29098.53	30527.8242196787	Pass
2023-04-15	30472	30586	30208	31710.0	29311.140000000000	30250.37084511700	Pass
2023-04-19	30382	30408	28641	111270.0	29983.76	29201.504343185900	Buy
2023-04-20	28813	29082	28032	95450.0	29843.71	28466.852516032200	Pass
2023-04-23	27813	27815	27388	41770.0	29062.380000000000	27446.78783382490	Pass
2023-04-24	27591	27978	27054	66740.0	28766.060000000000	27510.260231985800	Pass
2023-04-26	28298	29995	27307	164310.0	28377.410000000000	29119.22161301510	Sell
2023-04-27	28424	29859	28392	121630.0	28381.51	29581.086006816600	Pass
2023-05-02	28079	28877	27913	65330.0	28585.47	28584.10209150490	Pass
2023-05-04	29023	29352	28687	53800.0	28861.97	28979.529141394400	Pass
2023-05-05	28842	29653	28825	74520.0	28983.410000000000	29438.64328678320	Pass
2023-05-08	28424	28627	27280	85720.0	28756.420000000000	27789.12228589680	Buy
2023-05-11	27604	27607	26766	62850.0	28322.21	26981.530506029200	Pass
2023-05-14	26777	27176	26609	26350.0	27718.4	26930.369053080200	Pass
2023-05-23	26851	27448	26804	50890.0	27018.73	27243.52333044880	Pass
2023-05-24	27220	27220	26088	72650.0	26959.57	26402.45214018200	Pass
2023-05-25	26327	26589	25892	50170.0	26888.76	26188.918064160100	Pass
2023-05-26	26475	26911	26330	45880.0	26856.380000000000	26667.160038507000	Pass
2023-05-29	28068	28431	27548	54560.0	27011.79	27933.802251175000	Sell
2023-05-30	27738	28033	27583	45190.0	27069.99	27770.221818327400	Pass
2023-06-01	27216	27340	26662	51980.0	27113.780000000000	26863.80972742750	Pass
2023-06-03	27246	27317	26931	20620.0	27190.54	26990.606216856600	Pass
2023-06-05	27122	27125	25437	85420.0	27158.78	25979.427599753000	Buy
2023-06-06	25745	27325	25425	88610.0	27196.05	26901.967861886100	Pass
2023-06-07	27230	27342	26141	77480.0	27023.18	26541.04951761620	Pass
2023-06-09	26501	26773	26326	38960.0	26777.46	26523.88463323310	Pass
2023-06-10	26479	26525	25468	83570.0	26640.25	25786.909429416500	Pass
2023-06-15	25129	25732	24838	68380.0	26088.25	25402.987139528700	Pass

2023-06-18	26515	26679	26290		27310.0	26000.470000000000	26394.471332073200	Sell
2023-06-19	26339	27029	26295		46450.0	26037.130000000000	26813.563605274000	Pass
2023-06-20	26845	28393	26665		100550.0	26283.5	28015.144503152300	Pass
2023-06-21	28307	30769	28270		143490.0	26690.35	30374.601616722900	Pass
2023-06-22	29992	30497	29590		79220.0	27088.72	30016.189123417600	Pass
2023-06-24	30680	30795	30269		38150.0	28104.130000000000	30344.207301511700	Pass
2023-06-26	30466	30645	29986		58710.0	28984.1	30167.91258032200	Pass
2023-06-28	30691	30703	29919		51060.0	29775.4	30072.32123941590	Pass
2023-07-03	30617	31377	30581		56490.0	30530.8	31142.193738608400	Pass
2023-07-04	31152	31326	30657		42120.0	30554.28	30853.00014877950	Pass
2023-07-06	30512	31463	29869		90810.0	30523.640000000000	30848.087801271900	Pass
2023-07-08	30346	30379	30055		17410.0	30510.390000000000	30058.831702946400	Buy
2023-07-09	30288	30425	30071		20050.0	30482.510000000000	30141.14667284770	Pass
2023-07-11	30414	30782	30333		39840.0	30480.4	30557.423945534800	Pass
2023-07-13	30387	31764	30260		99810.0	30488.840000000000	31426.665390673800	Sell
2023-07-15	30316	30395	30246		17060.0	30421.6	30202.819470170400	Pass
2023-07-20	29909	30408	29621		50330.0	30303.82	30055.23659389600	Pass
2023-07-21	29801	30058	29739	32590.000000000000		30231.8	29864.68158611960	Buy
2023-07-24	30085	30098	28890		55730.0	29920.010000000000	29228.63768559330	Pass
2023-07-30	29354	29446	29054		20580.0	29470.97	29119.468666390100	Pass
2023-08-02	29711	30025	28961		67410.0	29305.010000000000	29396.64695644350	Pass
2023-08-03	29180	29409	28981		36080.0	29306.130000000000	29132.06177577910	Pass
2023-08-05	29105	29139	28983		14550.0	29265.410000000000	28925.936333597400	Pass
2023-08-07	29081	29270	28721		41190.0	29240.190000000000	28900.140644386900	Pass
2023-08-10	29578	29719	29377		32000.0	29333.870000000000	29440.169323220600	Pass
2023-08-12	29420	29480	29375		11070.0	29330.18	29305.84028567170	Pass
2023-08-14	29300	29689	29116		39300.0	29373.380000000000	29405.884791957200	Pass
2023-08-18	26635	26801	25691		93050.0	28721.330000000000	26126.799812873900	Pass
2023-08-19	26053	26262	25799		33040.0	28373.47	26008.41552437290	Pass
2023-08-21	26190	26220	25850		41100.0	27718.170000000000	25915.155727763700	Pass
2023-08-22	26126	26138	25481		47720.0	27379.340000000000	25646.180682583200	Pass
2023-08-23	26042	26807	25812		60960.0	27092.95	26499.167807555800	Pass
2023-08-24	26436	26560	25943		41040.0	26767.98	26132.616174216200	Pass
2023-08-28	26100	26215	25891		28840.0	26136.310000000000	25955.860181516900	Pass
2023-08-29	26118	28046	25919		98320.0	26298.76	27642.72898433140	Sell
2023-08-30	27723	27757	27043		46540.0	26409.560000000000	27187.92147640960	Pass

2023-09-04	25971	26094	25660		27130.0	26266.380000000000	25778.452678082400	Buy
2023-09-05	25824	25864	25596		28400.0	26243.690000000000	25607.512857938400	Pass
2023-09-06	25790	26018	25411		37780.0	26209.43	25655.593741795600	Pass
2023-09-08	26248	26415	25701		41010.0	26041.080000000000	25942.71809550550	Pass
2023-09-09	25909	25938	25814		13480.0	25901.31	25755.36786753990	Pass
2023-09-11	25840	25897	24923		56320.0	25827.920000000000	25215.961047558300	Pass
2023-09-12	25166	26472	25133		78710.0	25824.4	26234.527848651400	Sell
2023-09-13	25836	26382	25766		42580.0	25849.6	26171.78507615480	Pass
2023-09-17	26562	26614	26408		16570.0	26109.15	26383.096304774200	Pass
2023-09-18	26530	27413	26405		63350.0	26194.55	27130.85720758310	Pass
2023-09-20	27209	27378	26851		47230.0	26453.840000000000	27005.188819810300	Pass
2023-09-21	27125	27155	26382		47810.0	26594.2	26565.90620049410	Pass
2023-09-23	26581	26636	26517		12920.0	26704.560000000000	26468.585968341300	Pass
2023-09-27	26218	26836	26109		50800.0	26596.8	26600.277642619600	Pass
2023-09-29	27022	27229	26728		42240.0	26592.77	26898.13459809010	Pass
2023-09-30	26908	27085	26887		17550.0	26576.54	26924.316629867800	Pass
2023-10-04	27428	27832	27242		40930.0	27048.190000000000	27548.610676335500	Pass
2023-10-06	27410	28223	27195		52510.0	27330.75	27893.447208447700	Pass
2023-10-07	27935	28021	27859		17290.0	27490.25	27826.69757500990	Pass
2023-10-08	27961	28097	27714		24110.0	27580.26	27796.987800862000	Pass
2023-10-09	27922	27986	27279		44810.0	27647.420000000000	27454.60506052430	Pass
2023-10-10	27581	27728	27300		34320.0	27690.25	27416.151457814100	Pass
2023-10-12	26878	26942	26565		32750.0	27506.04	26631.484854830200	Buy
2023-10-14	26863	26975	26805		13560.0	27355.74	26811.920038955900	Pass
2023-10-16	27161	29969	27119		119180.0	27388.110000000000	29582.522544536700	Sell
2023-10-18	28405	28876	28169		45010.0	27472.26	28541.450776673300	Pass
2023-10-19	28321	28883	28170		50100.0	27586.420000000000	28596.40854240510	Pass
2023-10-20	28724	30165	28586		82680.0	27814.77	29807.55942778600	Pass
2023-10-23	29984	34375	29891		133460.0	29058.54	33790.911712211000	Pass
2023-10-24	33037	35191	32866		159080.0	29764.96	34688.36298581710	Pass
2023-10-27	34153	34245	33423		47330.0	31612.74	33587.67403209660	Pass
2023-10-31	34478	34704	34053		43400.0	33723.310000000000	34249.17923357680	Pass
2023-11-01	34648	35557	34138		71660.0	34267.270000000000	34999.247531686100	Pass
2023-11-06	35020	35275	34742		29810.0	34793.89	34913.615865971400	Pass
2023-11-09	35636	37942	35578		115560.0	35261.52	37533.090236641200	Pass
2023-11-12	37149	37215	36761		21450.0	35912.730000000000	36774.567760344100	Pass

2023-11-13	37067	37404	36358	44550.0	36088.690000000000	36751.548886994400	Pass
2023-11-14	36478	36744	34984	63560.0	36137.04	35638.43606203530	Buy
2023-11-18	36617	36845	36220	20880.0	36744.61	36411.95205780660	Pass
2023-11-19	36568	37504	36393	26140.0	36809.98	37148.01887114030	Pass
2023-11-21	37452	37631	35799	71070.0	36691.4	36423.81555153500	Pass
2023-11-22	35797	37862	35695	64810.0	36726.04	37471.205987556000	Sell
2023-11-23	37410	37642	36915	32350.0	36807.520000000000	37132.3073874854	Pass
2023-11-24	37295	38400	37257	65830.0	37024.32	38099.28832531730	Pass
2023-11-27	37451	37563	36751	45240.0	37209.910000000000	36945.59457382750	Pass
2023-11-28	37244	38379	36881	57500.0	37335.38	37886.180606360000	Pass
2023-11-29	37823	38362	37607	49340.0	37385.510000000000	37996.044583648400	Pass
2023-12-01	37712	38950	37618	62500.0	37698.85	38606.48007764670	Pass
2023-12-03	39456	40178	39280	35270.0	38171.32	39797.58808989400	Pass
2023-12-06	44076	44283	43466	72520.0	39859.74	43608.21627686070	Pass
2023-12-08	43288	44697	43108	58440.0	41099.07	44221.06925729150	Pass
2023-12-10	43716	44045	43576	23810.0	42293.17	43695.248928053900	Pass
2023-12-12	41256	42070	40691	57040.0	42752.82	41487.60439976400	Buy
2023-12-13	41487	43417	40649	63110.0	43044.25	42576.551962501700	Pass
2023-12-16	41929	42690	41698	30110.0	42782.88	42298.48609638680	Pass
2023-12-17	42271	42413	41276	35460.0	42590.78	41601.40719916760	Pass
2023-12-21	43660	44241	43310	48960.0	42541.45	43748.968819409100	Sell
2023-12-22	43865	44394	43419	44500.0	42789.64	43847.86134068120	Pass
2023-12-27	42514	43676	42115	50100.0	43264.68	43144.88598089530	Pass
2023-12-29	42581	43108	41459	60980.0	43238.13	42191.21273771250	Buy
2024-01-02	44182	45885	44166	97840.0	43070.96	45496.21406986750	Sell
2024-01-07	43973	44481	43627	29530.0	43465.39	44006.98554479430	Pass
2024-01-08	43934	47196	43251	103090.0	43954.37	46297.41039513800	Pass
2024-01-09	46959	47880	45333	100090.0	44353.6	46546.54585158090	Pass
2024-01-10	46112	47654	44403	131480.0	44789.28	46245.11021135800	Pass

test_data

Date	Open	High	Low	Vol.	MAD	Price	BuySell
2014-01-11	957.8	1010.8	935.0	11180.0	0.0	1005.3	Pass
2014-01-12	1005.3	1022.7	922.1	9930.0	0.0	939.8	Pass
2014-01-13	939.8	949.2	879.9	10130.0	0.0	922.9	Pass
2014-01-15	919.3	973.1	915.1	6830.0	0.0	941.2	Pass
2014-01-16	941.2	955.5	910.5	5100.0	0.0	913.5	Pass
2014-01-18	894.2	924.7	884.7	6040.0	933.6700000000000	905.7	Buy
2014-01-20	954.8	980.5	926.0	10410.0	935.2700000000000	956.0	Pass
2014-01-22	962.2	973.9	935.0	4780.0	932.0800000000000	951.0	Pass
2014-01-23	951.0	958.1	936.3	1970.0	934.21	944.2	Pass
2014-01-26	961.0	1038.1	950.7	13070.0	945.26	1007.0	Pass
2014-01-27	1007.0	1021.5	937.2	8330.0	950.1900000000000	943.5	Pass
2014-01-29	932.7	950.6	918.9	5680.0	949.9800000000000	925.7	Pass
2014-01-30	925.7	953.2	909.5	5430.0	948.5200000000000	941.4	Pass
2014-01-31	941.4	954.7	924.6	4310.0	946.18	938.8	Pass
2014-02-02	940.4	959.4	934.4	1580.0	946.0300000000000	953.3	Pass
2014-02-04	931.7	949.1	900.8	4610.0	944.11	926.6	Pass
2014-02-10	659.6	700.0	500.0	40130.0	807.21	582.6	Pass
2014-02-11	582.6	609.7	550.2	16730.0	771.07	579.0	Pass
2014-02-12	579.0	585.1	511.9	21300.0	728.85	531.1	Pass
2014-02-13	531.1	549.2	451.3	28940.0	680.82	451.4	Pass
2014-02-15	427.7	447.9	310.1	50620.0	577.5900000000000	371.1	Pass
2014-02-16	371.1	540.0	220.4	86180.0	524.6800000000000	299.8	Pass
2014-02-17	299.8	411.2	263.4	51440.0	482.34	272.3	Pass
2014-02-19	294.0	308.6	257.2	31500.0	407.05	261.5	Pass
2014-02-23	255.6	349.1	220.3	38550.0	271.5700000000000	310.2	Sell
2014-02-24	310.2	316.9	131.9	95120.0	246.2	174.0	Buy
2014-02-25	174.0	174.6	102.3	30430.0	222.67	135.8	Pass
2014-02-27	593.1	629.9	580.5	500.0	284.4200000000000	596.5	Pass
2014-02-28	596.5	599.0	570.0	510.0	312.4100000000000	573.9	Pass

2014-03-01	573.9	564.1	262.8	400.0	342.0	557.4	Pass
2014-03-02	557.4	562.9	541.5	830.0	385.270000000000000	544.6	Pass
2014-03-03	544.6	695.4	545.4	1260.0	440.330000000000000	662.2	Pass
2014-03-08	616.7	625.7	588.6	2170.0	612.89	609.2	Pass
2014-03-09	609.2	637.6	598.5	1950.0	615.940000000000000	627.0	Pass
2014-03-10	627.0	633.7	594.7	2630.0	619.85	613.0	Buy
2014-03-11	613.0	619.7	599.9	2430.0	624.98	608.7	Pass
2014-03-12	608.7	640.8	608.2	3200.0	632.46	619.4	Pass
2014-03-14	625.0	631.2	610.6	4000.0	623.96	614.0	Pass
2014-03-16	624.0	627.3	613.2	3300.0	617.61	619.1	Pass
2014-03-17	619.1	622.5	602.7	3580.0	616.58	606.4	Pass
2014-03-20	595.0	598.4	560.3	4240.0	607.65	566.0	Pass
2014-03-22	549.6	570.0	537.2	3770.0	596.23	564.3	Pass
2014-03-26	562.9	575.4	546.3	3710.0	572.4400000000000	562.5	Pass
2014-03-27	562.5	567.8	460.5	3780.0	557.85	460.5	Pass
2014-03-28	460.5	515.0	453.8	4110.0	546.22	482.6	Pass
2014-03-29	482.6	494.3	473.8	4290.0	534.4300000000000	477.1	Pass
2014-03-31	446.9	473.4	422.5	4150.0	512.03	444.7	Pass
2014-04-01	444.7	487.4	438.0	3970.0	501.95	463.5	Pass
2014-04-02	463.5	480.3	409.3	4380.0	489.27	424.4	Pass
2014-04-05	444.4	461.2	439.4	1160.0	453.7	456.6	Pass
2014-04-06	456.6	472.4	446.3	3590.0	453.2200000000000	455.7	Pass
2014-04-07	455.7	485.1	448.0	3950.0	451.2	462.4	Sell
2014-04-08	462.4	480.7	457.6	3910.0	450.15	466.6	Pass
2014-04-11	384.6	450.4	355.7	5160.0	442.34	435.1	Pass
2014-04-15	478.4	526.6	466.4	8000.0	453.1700000000000	526.4	Pass
2014-04-18	502.0	512.2	472.0	8360.0	467.15	485.5	Pass
2014-04-19	485.5	516.9	473.2	8380.0	472.02	506.0	Pass
2014-04-20	506.0	522.2	488.7	7690.0	483.4100000000000	498.5	Pass
2014-04-21	498.5	524.7	490.7	7350.0	489.4200000000000	495.2	Pass
2014-04-27	457.9	461.4	437.4	6960.0	482.63	443.2	Pass
2014-04-28	443.2	451.1	420.8	4540.0	478.27	441.9	Pass

2014-04-30	446.1	452.6	430.9	4080.0	466.9900000000000000	445.6	Pass
2014-05-01	445.6	464.5	444.5	4200.0	463.48	460.1	Pass
2014-05-08	446.5	455.5	439.5	2540.0	443.0800000000000000	441.1	Pass
2014-05-09	441.1	455.8	438.5	2270.0	443.02	445.5	Pass
2014-05-11	451.9	455.4	429.0	1890.0	440.9600000000000000	433.2	Buy
2014-05-14	433.9	444.3	433.9	2200.0	439.6	442.6	Pass
2014-05-16	448.1	455.1	441.9	1760.0	443.4600000000000000	453.6	Pass
2014-05-17	453.6	455.9	452.2	1710.0	444.0900000000000000	452.8	Pass
2014-05-18	452.8	454.0	449.0	1450.0	444.9900000000000000	450.1	Pass
2014-05-20	443.9	486.2	437.3	1900.0	448.1	484.6	Pass
2014-05-21	484.6	495.2	481.7	1400.0	453.66	488.8	Pass
2014-05-22	488.8	519.3	485.5	3120.0	461.38	515.4	Pass
2014-05-24	518.1	526.7	510.4	2860.0	477.59	520.5	Pass
2014-05-25	520.5	575.2	520.5	1870.0	489.82	570.4	Pass
2014-05-26	570.4	586.4	564.7	2960.0	502.66	582.0	Pass
2014-05-28	570.1	581.8	562.6	3570.0	526.46000000000000	570.8	Pass
2014-05-29	570.8	573.8	557.7	3730.0	538.51	564.4	Pass
2014-05-31	612.3	629.0	604.7	4410.0	565.19	627.9	Pass
2014-06-01	627.9	675.0	622.0	3550.0	578.63000000000000	649.8	Pass
2014-06-02	649.8	662.6	625.5	4130.0	592.37000000000000	655.5	Pass
2014-06-03	655.5	676.5	631.4	4360.0	607.26	669.4	Pass
2014-06-06	660.2	663.8	647.1	6040.0	629.96000000000000	650.4	Pass
2014-06-13	597.1	619.1	594.9	7550.0	640.25	610.3	Pass
2014-06-14	610.3	613.8	563.7	5000.0	634.7	583.4	Pass
2014-06-16	582.3	606.1	580.5	3990.0	621.78	599.1	Pass
2014-06-19	606.2	612.6	598.7	5600.0	608.23	600.2	Pass
2014-06-20	600.2	602.0	587.1	2150.0	601.75	590.8	Pass
2014-06-21	590.8	599.2	584.8	2280.0	597.15	597.0	Pass
2014-06-23	603.6	604.7	582.9	2650.0	595.89	591.2	Pass
2014-06-27	582.7	603.9	580.1	3390.0	593.12000000000000	602.2	Sell
2014-06-28	602.2	608.8	594.0	2940.0	592.26	597.6	Pass
2014-06-30	601.1	637.3	596.5	3830.0	596.78000000000000	635.1	Pass

2014-07-06	623.0	629.4	622.7	2700.0	623.66000000000000	626.7	Pass
2014-07-07	626.7	627.9	607.3	2530.0	624.8	613.6	Buy
2014-07-09	615.3	623.8	610.5	3070.0	628.76	623.0	Pass
2014-07-12	632.9	638.6	625.9	3430.0	625.08	635.9	Pass
2014-07-13	635.9	638.6	627.5	1700.0	624.08	628.0	Pass
2014-07-14	628.0	629.0	616.1	2550.0	623.51	618.3	Pass
2014-07-15	618.3	624.4	617.3	3690.0	623.17	619.6	Pass
2014-07-16	619.6	622.4	614.2	3000.0	621.98	614.8	Buy
2014-07-20	627.0	627.9	620.0	2300.0	625.16000000000000	621.0	Pass
2014-07-21	621.0	625.9	615.0	2530.0	624.38	625.1	Pass
2014-07-22	625.1	628.8	620.0	3280.0	623.04	622.5	Pass
2014-07-24	621.7	622.0	599.4	4740.0	620.77	601.9	Pass
2014-07-27	596.0	601.5	593.7	3530.0	613.82	595.0	Pass
2014-07-28	595.0	597.5	578.1	2330.0	609.86	587.9	Pass
2014-07-30	585.8	586.1	564.2	4100.0	600.1	564.6	Pass
2014-08-01	589.5	604.0	586.4	8930.0	594.17	598.8	Pass
2014-08-03	591.7	592.1	580.6	1260.0	589.87	588.9	Pass
2014-08-07	589.8	595.1	587.9	2500.0	588.35	592.8	Pass
2014-08-09	595.8	595.6	587.4	1420.0	591.84000000000000	589.5	Pass
2014-08-11	592.1	593.6	571.7	2570.0	589.81000000000000	575.9	Buy
2014-08-12	575.9	578.3	562.0	3330.0	587.41	567.7	Pass
2014-08-13	567.7	573.5	523.2	4820.0	582.73000000000000	542.1	Pass
2014-08-14	542.1	544.9	495.9	10880.0	573.93	504.8	Pass
2014-08-15	504.8	515.2	483.2	4770.0	564.7	496.5	Pass
2014-08-21	516.8	537.2	511.4	5650.0	510.06000000000000	517.9	Sell
2014-08-23	516.1	516.8	494.0	3130.0	500.46000000000000	497.7	Pass
2014-08-24	497.7	514.8	496.8	2530.0	500.95	509.7	Pass
2014-08-30	512.6	512.9	503.1	2630.0	510.15	506.0	Pass
2014-08-31	506.0	508.3	478.3	6100.0	506.54000000000000	481.8	Buy
2014-09-02	477.2	487.0	470.5	6750.0	500.77	478.9	Pass
2014-09-05	491.0	495.0	483.1	6040.0	493.71000000000000	483.6	Pass
2014-09-06	483.6	491.4	480.8	3790.0	490.64000000000000	484.5	Pass

2014-09-07	484.5	490.7	478.5	3560.0	488.1400000000000000	485.8	Pass
2014-09-09	475.7	478.6	467.5	7290.0	481.34	474.9	Pass
2014-09-11	479.7	488.9	474.6	6290.0	481.2600000000000000	478.5	Pass
2014-09-12	478.5	479.7	471.1	5150.0	481.14	477.7	Pass
2014-09-18	461.1	462.3	408.8	8930.0	469.6600000000000000	424.3	Pass
2014-09-19	424.3	429.2	386.1	14970.0	461.9400000000000000	397.7	Pass
2014-09-20	397.7	427.7	387.5	14290.0	455.1200000000000000	411.5	Pass
2014-09-21	411.5	415.1	394.5	10420.0	447.43	401.6	Pass
2014-09-22	401.6	410.8	398.6	13520.0	440.07	404.1	Pass
2014-09-27	404.5	407.1	394.7	9740.0	411.57	399.0	Pass
2014-09-28	399.0	402.3	374.1	13940.0	407.05	379.1	Pass
2014-10-01	388.2	395.1	381.1	17730.0	400.75	382.8	Pass
2014-10-04	363.5	369.9	327.1	23040.0	381.6600000000000000	335.3	Pass
2014-10-07	331.5	345.5	321.7	30170.0	358.6800000000000000	331.6	Pass
2014-10-09	350.9	384.6	347.6	35590.0	354.2700000000000000	360.9	Sell
2014-10-10	360.9	378.1	353.3	28410.0	351.62	361.7	Pass
2014-10-12	361.2	374.6	352.3	11230.0	349.27	373.2	Pass
2014-10-14	387.3	407.7	385.7	28870.0	357.8300000000000000	397.1	Pass
2014-10-16	393.2	398.8	371.6	20790.0	369.69	379.8	Pass
2014-10-17	379.8	384.8	372.4	16570.0	374.5800000000000000	380.5	Pass
2014-10-19	390.9	394.5	383.9	5330.0	381.2200000000000000	387.3	Pass
2014-10-20	387.3	387.8	378.4	10560.0	383.0900000000000000	380.4	Pass
2014-10-21	380.4	388.2	377.4	9660.0	385.21	382.4	Pass
2014-10-22	382.4	383.7	377.0	10530.0	385.78	378.9	Buy
2014-10-23	378.9	381.1	353.5	19120.0	382.63	355.8	Pass
2014-10-28	350.1	355.7	348.3	9430.0	363.65	351.1	Pass
2014-10-29	351.1	352.8	334.7	12260.0	358.43	335.1	Pass
2014-11-02	325.4	329.8	319.8	11900.0	341.75	322.5	Pass
2014-11-03	322.5	332.9	321.7	13430.0	338.6600000000000000	324.2	Pass
2014-11-05	328.0	342.0	326.5	15840.0	335.7200000000000000	338.0	Pass
2014-11-08	341.9	346.3	339.8	8190.000	335.4	343.5	Pass
2014-11-09	343.5	362.2	341.8	12630.0	337.11	362.0	Pass

2014-11-10	362.0	374.7	356.6	22810.0	340.0300000000000000	367.1	Pass
2014-11-11	367.1	371.0	361.9	15790.0	344.0300000000000000	365.4	Pass
2014-11-12	365.4	442.7	365.8	38530.0	354.98	432.0	Pass
2014-11-16	374.9	390.4	370.5	14350.0	379.76	385.6	Pass
2014-11-17	385.6	412.3	378.3	27600.0	384.0400000000000000	384.7	Pass
2014-11-18	384.7	394.9	372.0	27090.0	387.61	379.2	Buy
2014-11-20	381.4	383.0	355.1	21980.0	388.57	357.3	Pass
2014-11-24	365.9	388.7	361.9	24570.0	371.1700000000000000	378.9	Sell
2014-11-29	377.6	389.3	372.2	83450.0	367.04	376.3	Pass
2014-12-02	378.6	384.9	375.4	25290.0	374.34	380.6	Pass
2014-12-05	369.8	379.7	366.4	29990.0	374.6600000000000000	377.6	Pass
2014-12-08	376.5	377.4	364.6	22920.0	375.2600000000000000	365.0	Pass
2014-12-10	352.2	354.1	345.1	27130.0	370.15	347.9	Pass
2014-12-15	349.4	351.2	343.6	22160.0	356.2	345.4	Pass
2014-12-21	330.4	332.0	320.1	20670.0	332.7700000000000000	322.6	Pass
2014-12-22	322.6	335.3	319.9	35360.0	330.51	330.8	Pass
2014-12-25	322.4	323.4	316.3	15390.0	323.88	319.0	Pass
2014-12-26	319.0	332.9	316.4	23010.0	323.86	330.0	Sell
2014-12-29	316.5	321.6	308.3	20360.0	323.64	314.1	Pass
2015-01-01	318.2	321.4	313.5	12820.0	319.7	314.9	Pass
2015-01-02	314.9	316.4	313.1	14730.0	317.69	315.2	Pass
2015-01-03	315.2	315.8	284.9	47370.0	314.1600000000000000	287.1	Pass
2015-01-04	287.1	289.9	255.9	88770.0	308.7300000000000000	264.7	Pass
2015-01-08	291.3	292.7	279.0	20180.0	294.25	282.7	Pass
2015-01-13	269.3	269.1	217.1	95500.0	271.26	221.3	Pass
2015-01-16	209.8	222.6	198.7	62320.0	247.2400000000000000	206.9	Pass
2015-01-17	206.9	212.6	191.7	43130.0	238.0700000000000000	199.6	Pass
2015-01-19	210.6	219.5	205.5	31580.0	223.65	215.9	Pass
2015-01-21	210.6	229.3	207.1	43180.0	213.7100000000000000	228.2	Sell
2015-01-22	228.2	238.8	225.6	53710.0	210.05	232.7	Pass
2015-01-23	232.7	237.0	224.8	38170.0	211.1400000000000000	232.2	Pass
2015-01-24	232.2	248.9	229.6	33240.0	219.4700000000000000	248.2	Pass

2015-01-31	231.8	235.4	216.5	42150.0		241.82	218.5	Pass
2015-02-02	225.3	242.5	220.5	39020.0		241.75	238.9	Pass
2015-02-03	238.9	247.5	223.9	63080.0		239.67	227.4	Pass
2015-02-05	226.6	229.9	214.4	40640.0		231.85	216.5	Pass
2015-02-06	216.5	226.2	215.6	52520.0		227.82	223.0	Pass
2015-02-07	223.0	231.0	222.4	39760.0	226.97000000000000	227.7	Pass	
2015-02-08	227.7	230.2	219.5	29050.0		225.94	223.7	Pass
2015-02-10	220.3	222.2	214.4	86150.0		224.91	219.7	Pass
2015-02-13	221.8	241.6	220.6	112250.0		223.43	236.2	Sell
2015-02-15	258.6	264.6	226.6	179140.0		228.31	233.3	Pass
2015-02-17	235.8	247.2	232.0	116260.0	231.14000000000000	243.2	Pass	
2015-02-19	235.2	244.1	234.9	66050.0		234.45	241.9	Pass
2015-02-20	241.9	247.8	238.8	83590.0	236.93000000000000	244.5	Pass	
2015-02-22	244.4	246.5	232.7	75700.0	240.88000000000000	235.7	Buy	
2015-02-23	235.7	240.1	231.3	62670.0	241.14000000000000	238.8	Pass	
2015-02-25	238.9	239.6	234.6	38100.0	239.57000000000000	237.3	Pass	
2015-03-03	273.8	287.1	266.1	164820.0	250.71000000000000	280.6	Pass	
2015-03-04	280.6	284.5	265.9	139000.0	254.33000000000000	271.9	Pass	
2015-03-05	271.9	280.8	262.8	123640.0	257.97000000000000	275.2	Pass	
2015-03-06	275.2	278.0	269.0	98800.0	261.34000000000000	272.6	Pass	
2015-03-07	272.6	278.3	269.4	60720.0		265.1	274.9	Pass
2015-03-09	274.5	293.3	273.8	151770.0		272.55	290.0	Pass
2015-03-12	295.6	297.0	290.8	107320.0		282.06	293.9	Pass
2015-03-14	287.2	288.4	279.3	75720.0		283.69	281.6	Pass
2015-03-15	281.6	286.4	280.4	39460.0	284.66000000000000	284.9	Pass	
2015-03-16	284.9	294.0	284.8	66340.0	286.44000000000000	290.4	Pass	
2015-03-21	261.8	263.3	254.0	51650.0		276.17	259.7	Pass
2015-03-22	259.7	270.4	259.0	56630.0		273.64	268.6	Pass
2015-03-24	265.5	267.0	242.7	151090.0	267.98000000000000	246.7	Pass	
2015-03-26	246.4	254.7	243.5	89470.0		259.89	248.0	Pass
2015-03-31	246.8	248.7	241.2	75330.0		250.74	244.1	Pass
2015-04-01	244.1	247.7	239.6	67080.0		248.5	246.2	Pass

2015-04-02	246.2	254.9	244.3	81370.0	247.2100000000000000	252.6	Sell
2015-04-03	252.6	256.5	251.3	71740.0	247.99	254.5	Pass
2015-04-05	252.9	260.3	250.6	43830.0	249.8	259.6	Pass
2015-04-07	255.0	255.6	250.1	44790.0	250.6800000000000000	253.0	Pass
2015-04-08	253.0	254.3	242.6	102650.0	250.9300000000000000	244.6	Buy
2015-04-10	243.3	244.1	231.3	100200.0	249.6400000000000000	234.7	Pass
2015-04-11	234.7	240.0	233.1	51990.0	248.67	236.5	Pass
2015-04-12	236.5	237.5	232.3	33030.0	247.0	235.9	Pass
2015-04-14	223.6	224.7	214.3	115190.0	240.42	218.0	Pass
2015-04-15	218.0	223.6	217.1	77230.0	236.76	223.0	Pass
2015-04-18	222.6	224.5	220.6	36540.0	228.9	223.4	Pass
2015-04-19	223.4	226.9	222.0	35500.0	226.8700000000000000	223.0	Pass
2015-04-20	223.0	226.7	221.6	44870.0	225.82	224.2	Pass
2015-04-22	233.7	238.4	231.8	77560.0	225.3300000000000000	233.8	Pass
2015-04-24	235.4	236.6	229.1	69780.0	227.82	231.1	Pass
2015-04-25	231.1	232.3	223.1	43780.0	228.1300000000000000	226.1	Pass
2015-04-27	218.7	242.6	216.6	123410.0	227.84	229.0	Pass
2015-04-30	225.4	240.0	224.7	112240.0	229.4800000000000000	235.8	Sell
2015-05-01	235.8	239.4	232.4	60140.0	229.4300000000000000	233.2	Pass
2015-05-02	233.2	236.4	231.7	37080.0	229.58	235.3	Pass
2015-05-03	235.3	243.6	233.8	55720.0	230.0400000000000000	240.0	Pass
2015-05-05	239.0	239.6	231.8	77870.0	231.8	235.8	Pass
2015-05-06	235.8	237.1	228.2	103660.0	232.93	230.0	Buy
2015-05-08	237.7	247.0	235.8	87500.0	235.5900000000000000	243.7	Pass
2015-05-09	243.7	247.9	238.5	62790.0	237.19	241.4	Pass
2015-05-12	241.8	243.0	239.2	40080.0	239.1	241.6	Pass
2015-05-15	236.9	238.8	235.5	46030.0	238.67	237.2	Pass
2015-05-19	232.6	234.5	231.3	40940.0	237.1	232.0	Pass
2015-05-21	234.0	236.6	233.6	42940.0	235.8600000000000000	235.4	Pass
2015-05-25	241.0	241.8	235.8	26390.0	236.42	237.4	Pass
2015-05-26	237.4	239.0	235.6	37080.0	236.58	237.8	Pass
2015-05-29	237.3	237.9	235.1	38920.0	237.65	237.0	Pass

2015-05-30	237.0	237.1	231.6	41630.0	237.570000000000000	233.2	Buy
2015-05-31	233.2	234.0	229.1	39000.0	237.01	229.8	Pass
2015-06-01	229.8	231.8	221.0	87060.0	235.280000000000000	223.1	Pass
2015-06-05	224.2	226.4	222.1	56460.0	229.85	225.3	Pass
2015-06-06	225.3	225.8	223.5	22470.0	228.590000000000000	224.7	Pass
2015-06-07	224.7	226.4	222.2	40480.0	227.210000000000000	223.5	Pass
2015-06-09	228.6	231.4	227.5	54840.0	226.01	229.6	Sell
2015-06-10	229.6	230.4	227.8	41640.0	225.91	228.8	Pass
2015-06-11	228.8	230.6	228.5	38000.0	226.59	229.9	Pass
2015-06-13	230.5	233.1	229.0	38010.0	227.76	232.5	Pass
2015-06-15	233.8	238.6	233.3	63470.0	229.890000000000000	237.0	Pass
2015-06-16	237.0	254.1	235.7	122470.0	232.4	249.8	Pass
2015-06-17	249.8	258.5	245.1	121620.0	234.790000000000000	247.4	Pass
2015-06-20	244.1	246.6	238.7	51280.0	239.84	245.0	Pass
2015-06-24	243.8	244.5	239.1	47110.0	244.770000000000000	240.6	Buy
2015-06-28	250.7	251.6	246.6	39890.0	245.020000000000000	248.9	Pass
2015-07-01	264.1	265.0	254.4	66940.0	249.570000000000000	257.6	Pass
2015-07-02	257.6	261.3	253.1	45010.0	250.310000000000000	254.9	Pass
2015-07-04	255.4	261.1	253.4	32950.0	253.460000000000000	260.5	Pass
2015-07-06	270.1	277.5	266.5	90580.0	258.830000000000000	269.1	Pass
2015-07-07	269.1	271.3	263.2	41610.0	260.38	266.2	Pass
2015-07-08	266.2	273.6	263.2	45290.0	262.35	268.6	Pass
2015-07-09	268.6	272.3	265.1	48390.0	263.56	269.1	Pass
2015-07-13	310.4	310.9	276.9	146850.0	278.0	290.4	Pass
2015-07-16	283.4	290.8	273.3	121320.0	282.73	276.6	Buy
2015-07-17	276.6	280.8	271.2	62120.0	284.070000000000000	279.6	Pass
2015-07-18	279.6	282.5	243.2	55340.0	284.61	274.0	Pass
2015-07-19	274.0	277.1	271.9	30200.0	285.02	273.2	Pass
2015-07-21	277.7	281.0	274.2	49050.0	282.74	275.1	Pass
2015-07-22	275.1	277.4	273.1	41970.0	279.35	276.5	Pass
2015-07-26	288.7	293.3	286.8	30990.0	280.05	291.8	Pass
2015-07-28	293.0	296.7	291.7	49070.0	283.36	293.7	Pass

2015-07-29	293.7	294.7	286.9	50670.0		284.88	288.4	Pass
2015-08-04	281.6	285.7	279.6	44840.0		286.54	284.3	Pass
2015-08-05	284.3	285.5	280.5	38290.0		285.53	281.7	Pass
2015-08-07	278.0	279.6	274.3	42810.0		282.45	277.9	Pass
2015-08-09	258.6	266.8	258.6	57480.0	277.16000000000000	263.9	Pass	
2015-08-10	263.9	266.6	260.5	48570.0		275.12	263.3	Pass
2015-08-11	263.3	269.9	261.4	51360.0		273.97	269.0	Pass
2015-08-13	267.7	268.4	261.3	56490.0	270.78000000000000	263.4	Pass	
2015-08-18	257.1	257.5	245.7	94500.0		261.37	246.7	Pass
2015-08-22	232.4	235.1	221.0	74210.0		247.24	229.5	Pass
2015-08-26	220.5	230.7	218.8	92810.0		231.01	225.0	Pass
2015-08-28	222.7	234.8	219.6	90660.0		226.06	231.6	Sell
2015-08-29	231.6	233.1	226.4	43740.0		226.31	228.5	Pass
2015-08-30	228.5	232.3	225.4	39810.0		225.68	228.4	Pass
2015-09-01	229.5	231.4	225.8	66540.0		225.16	227.2	Pass
2015-09-04	226.2	231.1	225.8	61760.0		227.8	230.3	Pass
2015-09-05	230.3	235.6	228.3	48280.0		228.67	233.7	Pass
2015-09-08	239.6	246.4	239.2	76350.0		232.66	243.2	Pass
2015-09-09	243.2	244.3	236.5	69260.0		233.56	237.4	Pass
2015-09-10	237.4	240.6	234.3	60540.0		234.42	238.1	Pass
2015-09-12	239.9	240.3	233.3	43770.0	236.39000000000000	235.6	Pass	
2015-09-13	235.6	236.2	228.3	51600.0	236.79000000000000	230.2	Buy	
2015-09-16	229.5	230.9	225.1	51910.0		235.2	228.6	Pass
2015-09-18	232.7	234.7	230.6	53170.0	233.41000000000000	232.2	Pass	
2015-09-19	232.2	233.4	230.2	34470.0	232.78000000000000	231.1	Pass	
2015-09-21	231.1	231.6	225.0	53430.0	230.72000000000000	226.3	Pass	
2015-09-24	229.9	235.8	229.6	72120.0	230.52000000000000	233.8	Sell	
2015-09-29	238.9	240.4	234.8	57300.0		232.85	236.7	Pass
2015-09-30	236.7	237.8	234.4	50520.0		233.33	235.9	Pass
2015-10-01	235.9	238.7	234.7	52880.0		234.41	237.1	Pass
2015-10-04	238.6	277.6	237.5	31850.0		236.4	238.3	Pass
2015-10-05	238.3	240.5	236.4	61240.0		236.91	240.1	Pass

2015-10-08	243.0	244.8	241.6	44150.0	239.510000000000000	242.6	Pass
2015-10-10	244.0	245.9	242.9	38960.0	241.190000000000000	245.4	Pass
2015-10-11	245.4	248.3	244.5	41430.0	242.24	247.6	Pass
2015-10-14	248.8	255.1	248.3	69580.0	245.530000000000000	252.3	Pass
2015-10-16	254.4	267.3	253.9	95180.0	248.640000000000000	262.9	Pass
2015-10-20	263.8	272.1	262.7	75400.0	257.63	269.8	Pass
2015-10-22	267.1	278.7	266.8	93150.0	262.48	274.4	Pass
2015-10-24	276.9	283.0	277.0	60130.0	268.32	282.6	Pass
2015-10-26	287.9	287.6	279.6	73210.0	273.89	285.1	Pass
2015-10-28	294.7	307.5	294.0	116410.0	280.580000000000000	303.5	Pass
2015-10-30	313.6	334.9	310.8	156490.0	291.29	327.1	Pass
2015-10-31	327.1	333.3	304.6	105830.0	295.7	311.2	Pass
2015-11-02	323.0	365.8	319.8	223100.0	308.8	359.3	Pass
2015-11-05	400.9	447.2	366.1	302950.0	341.25	382.7	Pass
2015-11-06	382.7	396.4	348.8	255280.0	348.760000000000000	369.8	Pass
2015-11-08	385.1	389.8	365.5	94360.0	362.720000000000000	371.6	Pass
2015-11-10	380.2	381.4	323.2	210290.0	370.580000000000000	336.7	Buy
2015-11-11	336.7	341.8	292.4	263960.0	368.75	304.7	Pass
2015-11-13	333.9	341.8	323.9	97250.0	359.94	333.8	Pass
2015-11-14	333.8	369.8	326.4	71110.0	353.03	331.8	Pass
2015-11-15	331.8	334.8	314.2	88320.0	346.51	317.5	Pass
2015-11-17	330.2	342.9	328.1	98250.0	337.43	333.9	Pass
2015-11-18	333.9	337.4	329.4	78360.0	333.86	335.9	Pass
2015-11-20	325.0	327.1	309.5	109990.0	326.780000000000000	321.1	Pass
2015-11-21	321.1	328.4	318.4	45000.0	328.780000000000000	324.7	Pass
2015-11-23	322.8	325.0	319.9	42730.0	326.5	322.1	Pass
2015-11-24	322.1	323.3	315.5	50660.0	325.16	318.4	Pass
2015-11-29	355.8	372.8	354.5	67370.0	337.64	370.8	Pass
2015-11-30	370.8	382.6	367.9	129770.0	343.330000000000000	378.0	Pass
2015-12-01	378.0	379.0	353.7	111910.0	347.04	361.8	Pass
2015-12-02	361.8	363.4	347.2	92450.0	350.760000000000000	360.0	Pass
2015-12-03	360.0	371.4	355.5	87230.0	354.58	360.3	Pass

2015-12-04	360.3	364.0	354.3	60550.0	358.9100000000000000	361.7	Pass
2015-12-05	361.7	390.3	361.5	115200.0	364.8300000000000000	386.7	Pass
2015-12-07	393.4	398.7	381.7	96750.0	372.2800000000000000	394.3	Pass
2015-12-08	394.3	411.1	388.0	74360.0	377.77	410.7	Pass
2015-12-10	416.0	420.4	409.5	71660.0	386.04	415.5	Pass
2015-12-13	432.3	441.0	420.8	64140.0	409.5100000000000000	434.7	Pass
2015-12-15	442.0	464.2	440.7	107060.0	425.13	462.6	Pass
2015-12-17	454.0	458.4	447.3	64580.0	437.3100000000000000	455.5	Pass
2015-12-23	437.0	444.8	434.3	63250.0	449.73	442.4	Pass
2015-12-24	442.4	460.6	441.8	79600.0	450.8300000000000000	453.0	Pass
2015-12-25	453.0	457.4	449.5	42390.0	449.9700000000000000	454.0	Pass
2015-12-27	415.4	425.5	406.1	67580.0	442.8	422.4	Pass
2015-12-30	431.9	435.0	420.8	68270.0	434.2600000000000000	427.1	Pass
2016-01-04	430.7	435.3	428.6	53010.0	428.0300000000000000	433.3	Sell
2016-01-06	431.2	432.1	425.0	43430.0	430.45	430.8	Pass
2016-01-07	430.8	457.5	428.5	130200.0	433.9700000000000000	457.0	Pass
2016-01-13	445.0	443.7	420.4	92040.0	442.4600000000000000	432.2	Buy
2016-01-14	432.2	433.7	427.0	46170.0	442.0400000000000000	429.1	Pass
2016-01-15	429.1	430.1	364.7	268140.0	436.15	372.3	Pass
2016-01-17	385.0	390.7	377.7	66090.0	424.12	382.5	Pass
2016-01-23	382.6	395.4	380.3	61380.0	392.88	388.6	Pass
2016-01-24	388.6	405.4	385.5	64540.00	390.18	402.1	Sell
2016-01-26	392.8	397.7	387.9	56810.0	392.71	389.8	Pass
2016-01-27	389.8	397.4	389.4	43680.0	393.96	395.0	Pass
2016-01-28	395.0	395.4	376.7	77320.0	393.49	379.7	Buy
2016-01-29	379.7	385.8	363.5	138460.0	393.57	380.3	Pass
2016-02-02	372.2	376.6	371.4	50980.0	383.3400000000000000	373.9	Pass
2016-02-03	373.9	375.9	366.2	59810.0	379.93	368.0	Pass
2016-02-04	368.0	391.8	368.0	101870.0	379.71	390.6	Sell
2016-02-05	390.6	391.1	384.5	60920.0	379.38	386.5	Pass
2016-02-06	386.5	386.4	372.9	78850.0	377.55	376.7	Pass
2016-02-07	376.7	382.6	375.3	40740.0	377.37	377.9	Pass

2016-02-08	377.9	380.9	372.1	62240.0		376.6	372.6	Buy
2016-02-09	372.6	377.6	371.4	55360.0		376.35	375.3	Pass
2016-02-11	381.9	383.2	372.8	62650.0		378.29	379.5	Pass
2016-02-12	379.5	386.4	379.3	53760.0		379.3	384.0	Pass
2016-02-13	384.0	392.6	383.3	48160.0		381.51	390.1	Pass
2016-02-15	405.5	410.9	396.6	86130.0		384.46	401.1	Pass
2016-02-16	401.1	409.8	398.0	68330.0		387.43	406.4	Pass
2016-02-17	406.4	421.5	405.0	90320.0		391.35	417.1	Pass
2016-02-24	419.9	425.2	410.4	66510.0	422.4400000000000000	422.7	Pass	
2016-03-01	436.2	439.0	428.5	67460.0	430.3100000000000000	434.0	Pass	
2016-03-02	434.0	435.9	423.9	57750.0	429.0600000000000000	425.4	Pass	
2016-03-06	399.0	412.0	393.1	62590.0	422.0800000000000000	406.0	Pass	
2016-03-07	406.0	416.6	402.0	61770.0	420.8400000000000000	414.9	Pass	
2016-03-09	411.9	414.9	408.9	50920.0		416.93	412.8	Pass
2016-03-12	419.1	420.7	407.0	59640.0		411.9	410.4	Pass
2016-03-13	410.4	415.9	409.6	34980.0		411.18	412.4	Pass
2016-03-15	414.3	417.4	412.3	48600.0		413.27	415.1	Pass
2016-03-16	415.1	417.0	413.3	44540.0	414.2600000000000000	415.9	Pass	
2016-03-21	411.5	413.1	407.3	43160.0	412.5800000000000000	411.1	Pass	
2016-03-22	411.1	417.9	410.8	49080.0		413.16	416.2	Pass
2016-03-23	416.2	419.6	414.2	40610.0		413.62	417.0	Pass
2016-03-25	414.7	417.3	412.4	34590.0	413.7200000000000000	415.7	Pass	
2016-03-27	416.5	427.4	415.5	61720.0	414.4200000000000000	424.6	Sell	
2016-03-28	424.6	425.4	419.7	43450.0		415.82	422.2	Pass
2016-03-29	422.2	424.5	406.4	69110.0		416.45	415.0	Pass
2016-03-31	412.4	417.2	411.5	41840.0		417.0	415.7	Pass
2016-04-01	415.7	416.9	412.8	38220.0	416.9400000000000000	415.6	Pass	
2016-04-04	419.1	420.4	416.2	33440.0		417.89	419.3	Pass
2016-04-05	419.3	423.7	418.0	40890.0		418.45	422.1	Pass
2016-04-06	422.1	422.8	419.5	32670.0		418.12	421.3	Pass
2016-04-08	420.1	423.5	415.5	46950.0		418.18	417.7	Pass
2016-04-12	421.4	426.7	420.7	57710.0		420.4	424.7	Pass

2016-04-13	424.7	426.6	421.4	38090.0	420.8400000000000000	423.5	Pass
2016-04-14	423.5	425.4	421.8	30660.0	421.3100000000000000	424.0	Pass
2016-04-15	424.0	429.5	423.3	54120.0	421.9700000000000000	428.7	Pass
2016-04-17	430.0	430.6	423.8	25590.0	423.4600000000000000	426.3	Pass
2016-04-19	427.7	436.1	426.8	45680.0	426.15	434.9	Pass
2016-04-21	441.2	450.8	439.5	63130.0	431.0300000000000000	449.3	Pass
2016-04-23	445.3	451.5	443.1	42360.0	435.75	450.1	Pass
2016-04-27	466.0	467.9	444.6	90810.0	448.0800000000000000	447.0	Pass
2016-04-28	447.0	450.1	433.9	81940.0	450.16	448.5	Pass
2016-04-30	455.0	456.9	446.6	35310.0	452.9	448.5	Pass
2016-05-02	452.2	453.9	440.2	73850.0	453.0800000000000000	444.2	Buy
2016-05-04	450.3	450.9	444.2	39440.0	451.9200000000000000	445.8	Pass
2016-05-06	448.1	461.5	445.7	68430.0	449.9200000000000000	459.6	Sell
2016-05-07	459.6	460.6	454.6	30970.0	451.07	458.5	Pass
2016-05-08	458.5	460.2	454.9	27600.0	452.0100000000000000	457.9	Pass
2016-05-12	452.5	455.3	448.4	49190.0	453.6900000000000000	454.4	Pass
2016-05-14	455.4	457.7	453.6	20360.0	455.2600000000000000	456.4	Pass
2016-05-18	453.3	456.6	452.4	32610.0	454.9	454.2	Pass
2016-05-20	442.7	447.8	435.4	48430.0	452.4	442.1	Pass
2016-05-22	443.6	444.2	436.9	28740.0	450.0300000000000000	439.6	Pass
2016-05-23	439.6	445.0	438.2	35900.0	448.86	443.7	Pass
2016-05-24	443.7	447.9	442.0	33220.0	447.8300000000000000	446.1	Pass
2016-05-25	446.1	451.2	445.4	37720.0	447.0	449.8	Pass
2016-05-26	449.8	454.3	447.7	37720.0	446.84	453.3	Sell
2016-05-27	453.3	479.2	452.7	135680.0	448.91	474.0	Pass
2016-05-28	474.0	531.8	467.0	150170.0	455.91	524.2	Pass
2016-05-30	516.0	544.2	512.8	77530.0	472.2600000000000000	532.3	Pass
2016-05-31	532.3	546.9	513.2	114080.0	480.7900000000000000	528.9	Pass
2016-06-04	567.0	592.7	560.9	87410.0	524.22	572.0	Pass
2016-06-06	574.9	586.7	571.7	63680.0	547.34	583.6	Pass
2016-06-09	580.5	580.7	569.3	48610.0	563.1700000000000000	574.7	Pass
2016-06-11	577.9	592.6	576.3	42220.0	573.49	591.6	Pass

2016-06-12	591.6	683.8	592.8	217380.0	586.4300000000000	666.5	Pass
2016-06-16	690.8	769.7	687.4	229570.0	640.4	761.2	Pass
2016-06-17	761.2	771.9	704.2	215870.0	657.23	743.9	Pass
2016-06-21	734.0	732.2	626.0	248080.0	716.3800000000000	667.4	Buy
2016-06-22	667.4	677.8	586.6	202320.0	708.79	590.6	Pass
2016-06-23	590.6	629.5	539.3	261740.0	700.86	620.8	Pass
2016-06-24	620.8	687.4	616.4	196690.0	698.04	656.9	Pass
2016-06-28	644.7	659.3	634.3	76660.0	660.92	644.9	Pass
2016-07-01	670.0	685.1	661.1	92230.0	642.7900000000000	674.6	Pass
2016-07-02	674.6	700.5	671.5	67380.0	653.54	698.1	Pass
2016-07-03	698.1	701.5	644.6	99270.0	657.62	661.6	Pass
2016-07-04	661.6	679.0	644.0	63910.0	659.45	675.2	Pass
2016-07-06	663.7	678.4	662.2	47050.0	664.2	672.7	Pass
2016-07-08	635.3	663.4	630.2	75890.0	665.05	662.8	Pass
2016-07-12	646.7	673.2	644.6	66590.0	658.75	670.6	Sell
2016-07-18	676.3	680.4	664.6	42580.0	660.63	670.4	Pass
2016-07-19	670.4	673.2	663.6	30400.0	662.5600000000000	671.1	Pass
2016-07-20	671.1	672.3	659.5	37560.0	664.29	664.4	Pass
2016-07-23	651.1	658.2	648.0	29890.0	663.53	655.2	Pass
2016-07-25	659.3	662.5	651.1	34380.0	662.7100000000000	654.0	Pass
2016-07-29	654.1	657.4	651.0	27040.0	656.7	655.4	Pass
2016-07-30	655.4	657.5	652.1	19350.0	655.73	654.7	Pass
2016-08-04	566.4	584.9	559.5	44820.0	615.8	576.2	Pass
2016-08-07	586.5	596.0	580.9	26200.0	594.7	590.8	Pass
2016-08-08	590.8	594.2	585.4	24880.0	588.08	589.2	Pass
2016-08-09	589.2	591.2	581.1	25970.0	581.14	585.3	Pass
2016-08-10	585.3	600.5	580.9	49570.0	578.0400000000000	590.9	Sell
2016-08-14	584.6	585.8	559.9	33070.0	584.6	569.1	Buy
2016-08-19	573.4	577.9	566.3	25530.0	578.7	574.6	Pass
2016-08-20	574.6	583.5	572.3	23120.0	577.87	582.6	Pass
2016-08-25	579.7	580.7	570.8	32730.00	579.26	578.0	Pass
2016-08-27	579.4	580.4	567.3	18690.0	578.98	570.3	Buy

2016-08-29	575.0	578.6	571.4	23860.0	579.1	574.2	Pass
2016-08-30	574.2	579.9	572.5	27480.0	578.5700000000000	577.3	Pass
2016-09-01	573.9	705.0	569.4	25870.0	576.34	572.0	Pass
2016-09-03	575.3	605.0	572.6	35700.0	577.42	598.8	Sell
2016-09-07	610.4	616.5	606.2	30030.0	591.04	613.2	Pass
2016-09-10	623.2	627.5	621.1	15280.0	605.8300000000000	624.5	Pass
2016-09-11	624.5	630.8	592.8	36540.0	609.1900000000000	605.6	Pass
2016-09-14	608.6	612.2	606.4	24240.0	613.44	609.5	Pass
2016-09-17	607.8	609.6	604.5	15890.0	612.8	607.1	Pass
2016-09-23	595.6	603.7	594.1	25920.0	605.79	602.9	Pass
2016-09-25	602.6	604.9	598.3	13280.0	604.44	601.5	Pass
2016-09-26	601.5	608.5	598.2	27510.0	604.3100000000000	606.5	Pass
2016-09-27	606.5	609.0	601.7	25550.0	604.15	605.5	Pass
2016-09-28	605.5	606.9	602.6	18940.0	603.55	604.7	Pass
2016-09-29	604.7	607.2	602.0	25320.0	603.04	604.7	Pass
2016-10-02	613.4	614.2	607.7	16540.0	606.0600000000000	610.7	Pass
2016-10-03	610.7	613.2	608.5	21950.0	606.9300000000000	611.6	Pass
2016-10-05	609.0	613.7	608.0	23400.0	608.6	611.8	Pass
2016-10-06	611.8	612.7	608.5	21630.0	609.05	611.0	Pass
2016-10-07	611.0	619.4	609.1	32730.00	610.1	616.0	Pass
2016-10-08	616.0	619.6	614.9	13620.0	611.4	617.7	Pass
2016-10-09	617.7	618.3	613.0	13430.0	612.51	615.8	Pass
2016-10-10	615.8	618.8	612.8	25230.0	613.4300000000000	617.3	Pass
2016-10-13	636.0	639.5	632.3	25620.0	621.0700000000000	635.6	Pass
2016-10-14	635.6	640.5	630.7	31420.0	623.96	637.9	Pass
2016-10-20	629.1	630.8	625.5	20940.0	635.72	628.3	Buy
2016-10-23	655.5	661.2	648.8	21910.0	638.4100000000000	653.0	Pass
2016-10-26	651.0	678.4	651.4	47670.0	644.53	674.7	Pass
2016-11-02	726.8	735.8	718.1	39040.0	691.6	733.5	Pass
2016-11-05	702.1	706.4	694.0	22020.0	702.89	702.1	Pass
2016-11-06	702.1	714.1	697.6	25810.0	705.65	709.9	Pass
2016-11-07	709.9	711.7	698.3	30740.0	707.5700000000000	705.4	Pass

2016-11-08	705.4	714.6	701.0	39730.0	707.1600000000000	710.9	Pass
2016-11-10	721.4	723.0	707.3	33330.0	711.1600000000000	714.6	Pass
2016-11-11	714.6	719.8	711.7	25580.0	709.9800000000000	715.0	Pass
2016-11-12	715.0	717.4	701.1	27600.0	707.06	704.3	Pass
2016-11-14	702.0	708.0	696.1	37750.0	709.02	704.6	Pass
2016-11-15	704.6	716.9	697.9	41400.0	709.9200000000000	711.1	Pass
2016-11-19	747.0	755.3	737.4	25630.0	722.4300000000000	747.9	Pass
2016-12-01	742.5	755.5	741.1	54030.0	739.06	752.6	Sell
2016-12-04	764.2	769.2	758.8	19160.0	746.64	766.4	Pass
2016-12-05	766.4	769.2	746.0	51170.0	748.03	754.3	Pass
2016-12-12	767.9	781.3	767.9	28760.0	766.81	778.5	Pass
2016-12-16	775.2	783.9	773.3	27610.0	773.74	782.0	Pass
2016-12-18	787.2	791.3	783.8	14530.0	777.95	789.0	Pass
2016-12-19	789.0	793.7	786.3	25460.0	779.88	789.8	Pass
2016-12-21	799.1	833.1	796.0	65290.00	788.5200000000000	829.2	Pass
2016-12-25	891.1	895.2	851.4	42480.0	833.5900000000000	891.1	Pass
2016-12-26	891.1	909.3	885.9	38790.0	845.2300000000000	898.4	Pass
2016-12-28	925.8	974.5	925.5	77290.0	877.4100000000000	972.2	Pass
2016-12-29	972.2	982.6	949.2	61130.0	895.54	971.1	Pass
2017-01-04	1033.3	1148.5	1022.3	156270.0	987.1	1135.4	Pass
2017-01-05	1135.4	1150.6	874.5	240010.0	996.1900000000000	989.3	Pass
2017-01-07	886.2	900.9	806.7	130660.0	983.9	888.9	Pass
2017-01-08	888.9	936.1	875.8	76910.0	976.8800000000000	900.9	Pass
2017-01-09	900.9	910.5	870.9	62580.0	970.96	899.8	Pass
2017-01-10	899.8	911.3	890.1	53710.0	965.0600000000000	904.4	Pass
2017-01-13	810.1	835.0	771.0	89860.0	902.5200000000000	824.8	Pass
2017-01-14	824.8	838.9	808.3	44210.0	870.9400000000000	819.6	Pass
2017-01-15	819.6	826.4	808.6	24400.0	854.1300000000000	821.2	Pass
2017-01-16	821.2	836.7	817.7	33220.0	848.24	827.3	Pass
2017-01-19	872.0	905.3	870.7	58440.0	845.97	895.2	Pass
2017-01-21	892.9	928.9	889.5	40380.0	858.26	919.8	Pass
2017-01-22	919.8	938.4	888.6	47930.0	869.1300000000000	918.8	Pass

2017-01-27	915.6	922.6	907.9	30970.0		904.2	918.0	Pass
2017-01-28	918.0	921.9	912.8	14310.0		908.85	918.5	Pass
2017-01-29	918.5	922.4	912.7	11050.0		910.78	914.5	Pass
2017-01-30	914.5	922.3	911.5	19060.0	913.5600000000000	920.7	Pass	
2017-01-31	920.7	967.5	917.4	54670.0	918.1300000000000	965.5	Pass	
2017-02-01	965.5	986.6	959.8	45220.0		924.49	982.4	Pass
2017-02-02	982.4	1009.1	973.5	50860.0		932.74	1004.0	Pass
2017-02-05	1031.8	1033.7	1004.0	31060.0		968.45	1016.1	Pass
2017-02-06	1016.1	1030.6	1010.8	32020.00	979.1200000000000	1024.7	Pass	
2017-02-07	1024.7	1054.1	1019.9	39550.0	992.2300000000000	1049.6	Pass	
2017-02-08	1049.6	1069.2	1020.3	65150.00	1006.3300000000000	1055.5	Pass	
2017-02-11	997.6	1014.3	983.9	28320.0	1017.9600000000000	1008.3	Pass	
2017-02-15	1008.3	1010.9	999.7	23360.0	1012.3100000000000	1008.2	Pass	
2017-02-19	1052.3	1056.5	1037.7	17950.0	1019.6800000000000	1048.9	Pass	
2017-02-20	1048.9	1081.8	1041.0	31010.0	1027.6800000000000	1077.6	Pass	
2017-02-22	1119.0	1132.3	1094.8	47910.0		1051.15	1120.5	Pass
2017-02-23	1120.5	1181.6	1113.5	65740.0		1068.8	1171.9	Pass
2017-02-25	1176.5	1180.0	1116.2	45860.0	1099.7100000000000	1149.1	Pass	
2017-02-26	1149.1	1177.5	1130.6	30770.0	1113.6800000000000	1171.6	Pass	
2017-03-04	1283.3	1285.8	1228.7	38420.0		1207.3	1264.3	Pass
2017-03-05	1264.3	1273.3	1242.1	25430.0		1217.23	1271.2	Pass
2017-03-06	1271.2	1280.6	1261.0	31030.0		1227.28	1277.0	Pass
2017-03-07	1277.0	1280.9	1148.7	87720.0		1235.64	1232.7	Pass
2017-03-08	1232.7	1242.0	1136.9	97880.0		1233.18	1147.0	Buy
2017-03-09	1147.0	1207.0	1129.3	59860.0	1233.4300000000000	1191.3	Pass	
2017-03-16	1253.4	1260.2	1119.0	132770.0		1199.53	1172.9	Buy
2017-03-17	1172.9	1174.9	1063.5	163740.0	1183.4300000000000	1071.7	Pass	
2017-03-18	1071.7	1103.6	940.2	210420.0		1165.87	971.4	Pass
2017-03-22	1121.3	1121.9	997.8	115290.0	1118.6800000000000	1044.7	Pass	
2017-03-24	1035.0	1038.4	927.3	132600.0		1068.02	939.7	Pass
2017-03-26	966.3	1004.3	946.7	85330.0		1018.96	969.4	Pass
2017-03-28	1045.1	1068.4	1015.5	80000.0		1023.6	1044.4	Pass

2017-03-31	1037.9	1088.2	1035.2	90990.0		1020.35	1079.1	Pass
2017-04-02	1086.1	1109.5	1074.2	70980.0		1030.73	1097.4	Pass
2017-04-06	1129.9	1201.6	1130.5	92360.0		1099.48	1188.7	Pass
2017-04-09	1180.8	1215.1	1174.0	45350.0		1144.62	1204.3	Pass
2017-04-12	1220.7	1225.5	1207.4	44780.0		1182.35	1212.5	Pass
2017-04-13	1212.5	1218.7	1150.3	66050.0		1185.21	1176.2	Pass
2017-04-15	1177.3	1194.8	841.5	28390.0		1193.47	1177.0	Buy
2017-04-17	1176.8	1203.0	1172.8	46480.0	1192.6300000000000	1194.0	Pass	
2017-04-19	1206.1	1218.2	1194.1	43350.0		1196.25	1215.2	Sell
2017-04-22	1249.6	1257.0	1215.8	43820.0		1205.12	1240.9	Pass
2017-04-23	1240.9	1256.2	1223.1	42610.0		1212.41	1249.1	Pass
2017-04-24	1249.1	1256.4	1234.9	38540.0	1219.5000000000000	1248.2	Pass	
2017-04-25	1248.2	1272.6	1244.2	43890.0		1228.23	1264.3	Pass
2017-04-26	1264.3	1309.2	1263.0	58910.0	1239.2100000000000	1286.6	Pass	
2017-04-29	1329.6	1343.7	1314.2	40970.0		1277.56	1336.3	Pass
2017-05-02	1415.8	1471.1	1394.8	70010.0		1326.06	1445.9	Pass
2017-05-03	1445.9	1496.4	1424.1	81720.0	1349.7100000000000	1485.6	Pass	
2017-05-06	1507.8	1560.4	1503.9	59600.0		1426.79	1545.3	Pass
2017-05-07	1545.3	1572.9	1495.2	71360.0		1448.94	1554.4	Pass
2017-05-11	1752.3	1864.8	1741.5	109010.0		1598.94	1819.3	Pass
2017-05-13	1686.4	1770.5	1594.6	75470.0		1650.8	1763.7	Pass
2017-05-15	1772.6	1776.7	1656.8	80240.0	1696.4900000000000	1708.9	Pass	
2017-05-18	1801.3	1980.5	1791.1	73100.0		1761.23	1881.0	Pass
2017-05-19	1881.0	1969.7	1875.3	98760.0	1787.6800000000000	1962.0	Pass	
2017-05-20	1962.0	2048.4	1944.4	89860.0		1816.47	2040.2	Pass
2017-05-22	2044.2	2264.8	1998.6	174380.0	1882.7600000000000	2124.4	Pass	
2017-05-23	2124.4	2286.3	2110.8	114180.0		1933.65	2272.6	Pass
2017-05-25	2445.3	2781.8	2210.5	248440.0		2060.75	2307.2	Pass
2017-05-26	2307.0	2616.5	2051.4	191490.0	2112.3100000000000	2244.9	Pass	
2017-05-27	2244.9	2322.4	1868.6	222950.0	2137.4200000000000	2052.4	Buy	
2017-05-29	2189.0	2337.4	2117.3	92240.0	2199.8400000000000	2278.2	Sell	
2017-06-01	2303.3	2460.8	2303.3	122700.0		2269.81	2412.6	Pass

2017-06-04	2545.4	2559.8	2478.2	59480.0		2323.51	2524.1	Pass
2017-06-07	2870.5	2880.9	2626.6	122680.0	2501.58000000000000	2691.5	Pass	
2017-06-12	2973.4	2985.1	2483.6	217960.0	2747.72000000000000	2656.8	Buy	
2017-06-13	2656.8	2784.8	2647.4	116740.0	2764.48000000000000	2713.0	Pass	
2017-06-14	2713.0	2803.7	2349.0	174190.0		2758.8	2467.3	Pass
2017-06-16	2442.5	2536.4	2335.3	117210.0	2696.36000000000000	2508.6	Pass	
2017-06-17	2508.6	2690.7	2454.8	95950.0	2692.72000000000000	2655.1	Pass	
2017-06-18	2655.1	2676.0	2488.6	92000.0		2666.8	2539.6	Pass
2017-06-20	2616.8	2800.5	2614.0	111300.0		2632.75	2754.4	Sell
2017-06-23	2722.8	2759.7	2699.5	56940.0	2609.51000000000000	2710.4	Pass	
2017-06-28	2583.8	2616.9	2490.1	110420.0		2622.13	2577.7	Pass
2017-07-01	2480.6	2529.6	2387.5	66320.0		2563.61	2424.6	Pass
2017-07-04	2572.5	2658.7	2570.0	80680.0	2533.91000000000000	2617.3	Pass	
2017-07-06	2627.9	2634.8	2581.8	60160.0		2559.35	2614.2	Pass
2017-07-09	2564.9	2576.7	2509.6	39160.0		2546.38	2511.4	Pass
2017-07-10	2511.4	2530.3	2271.8	123800.0	2532.72000000000000	2344.0	Pass	
2017-07-11	2344.0	2412.8	2265.5	146630.0	2522.69000000000000	2324.3	Pass	
2017-07-13	2403.1	2436.7	2335.0	88170.0	2488.34000000000000	2362.4	Pass	
2017-07-16	1975.1	2044.4	1809.0	189640.0	2314.74000000000000	1914.1	Pass	
2017-07-17	1914.1	2233.8	1913.8	176890.0		2286.69	2233.4	Pass
2017-07-27	2559.2	2712.9	2547.7	103830.0		2633.41	2691.9	Sell
2017-08-01	2883.3	2946.0	2659.6	123170.0		2729.08	2747.0	Pass
2017-08-06	3262.8	3295.1	3166.5	60660.0		2884.09	3232.0	Pass
2017-08-07	3232.0	3425.1	3198.5	88110.0		2943.6	3401.9	Pass
2017-08-08	3401.9	3494.9	3357.1	106940.0		3013.19	3429.4	Pass
2017-08-10	3348.8	3453.8	3322.9	71000.0	3125.66000000000000	3425.7	Pass	
2017-08-11	3425.7	3706.5	3409.8	97560.0		3216.4	3654.4	Pass
2017-08-16	4161.7	4398.1	3938.6	112900.0	3807.14000000000000	4387.4	Pass	
2017-08-17	4387.4	4487.5	4194.1	127480.0	3894.84000000000000	4278.9	Pass	
2017-08-18	4278.9	4362.7	3978.3	144400.0		3962.44	4105.4	Pass
2017-08-20	4150.5	4182.3	4034.4	70160.0		4106.7	4066.6	Pass
2017-08-21	4066.6	4097.3	3966.9	90650.0	4141.77000000000000	4005.1	Buy	

2017-08-26	4364.4	4379.3	4263.3	46160.0		4187.24	4352.3	Pass
2017-08-27	4352.3	4408.2	4321.1	42520.0		4193.93	4345.8	Pass
2017-08-29	4390.3	4647.8	4350.2	100800.0		4267.1	4597.3	Pass
2017-09-01	4735.1	4925.2	4690.2	102010.0		4474.96	4921.9	Pass
2017-09-03	4573.8	4719.8	4397.7	102820.0	4547.680000000000	4612.9	Pass	
2017-09-04	4612.9	4621.0	4098.6	170400.0		4537.99	4267.5	Buy
2017-09-10	4335.1	4338.1	4032.1	108080.0		4494.7	4245.9	Pass
2017-09-11	4245.9	4364.4	4134.6	88760.0		4424.3	4217.9	Pass
2017-09-12	4217.9	4387.8	4075.0	107040.0	4382.810000000000	4158.9	Pass	
2017-09-13	4158.9	4174.6	3752.0	186540.0		4308.55	3870.3	Pass
2017-09-17	3698.9	3796.6	3485.8	96070.0		3950.0	3689.6	Pass
2017-09-18	3689.6	4122.8	3689.0	147930.0		3927.38	4100.3	Sell
2017-09-19	4100.3	4120.7	3852.2	123220.0	3884.670000000000	3908.0	Pass	
2017-09-20	3908.0	4053.0	3846.8	86650.0		3848.3	3882.2	Pass
2017-09-21	3882.2	3912.8	3576.5	145130.0	3788.240000000000	3617.3	Buy	
2017-09-23	3600.8	3813.4	3563.2	67820.0		3724.2	3788.0	Sell
2017-09-27	3892.7	4232.4	3882.1	117600.0	3860.180000000000	4212.2	Pass	
2017-10-02	4403.1	4477.4	4364.7	71200.0	4102.660000000000	4401.3	Pass	
2017-10-03	4401.3	4436.0	4230.7	81870.0	4155.280000000000	4314.2	Pass	
2017-10-06	4321.4	4422.1	4296.9	61690.0		4297.18	4371.9	Pass
2017-10-08	4435.8	4622.9	4419.4	71370.0		4361.15	4611.7	Pass
2017-10-13	5432.6	5852.8	5392.0	215020.0		4739.45	5637.3	Pass
2017-10-14	5637.3	5839.6	5568.9	76220.0		4900.05	5824.7	Pass
2017-10-15	5824.7	5862.7	5448.2	101640.0		5036.72	5688.1	Pass
2017-10-16	5677.4	5795.3	5576.1	61360.0		5175.46	5759.3	Pass
2017-10-19	5576.7	5737.4	5517.6	83060.0		5480.26	5698.6	Pass
2017-10-22	6006.6	6070.6	5723.0	105030.0	5776.500000000000	5982.9	Pass	
2017-10-23	5982.9	6049.0	5644.2	137140.0		5803.13	5903.6	Pass
2017-10-25	5513.1	5748.0	5375.6	105840.0	5776.560000000000	5734.0	Pass	
2017-10-27	5887.6	5997.8	5692.3	83930.0	5805.990000000000	5764.6	Pass	
2017-10-28	5764.6	5871.0	5654.8	53230.0	5821.070000000000	5726.6	Buy	
2017-10-29	5726.6	6295.4	5679.4	163060.0	5865.960000000000	6147.5	Sell	

2017-10-31	6124.3	6467.2	6090.8	101250.0	5923.54	6451.2	Pass
2017-11-01	6449.1	6738.7	6355.0	133190.0	5999.030000000000	6737.8	Pass
2017-11-02	6737.8	7339.9	6737.8	238800.0	6111.15	7024.8	Pass
2017-11-04	7147.0	7492.2	6957.8	106600.0	6438.030000000000	7363.8	Pass
2017-11-06	7389.5	7429.7	6934.7	159690.0	6707.68	6959.2	Pass
2017-11-09	7444.4	7457.1	7040.8	126770.0	7075.520000000000	7129.6	Pass
2017-11-10	7129.6	7319.0	6406.0	222000.0	7086.980000000000	6565.8	Buy
2017-11-14	6522.5	6728.6	6419.2	96500.0	6792.890000000000	6597.1	Pass
2017-11-17	7853.7	8000.2	7534.7	117350.0	6931.43	7700.0	Pass
2017-11-21	8245.9	8368.4	7819.1	115450.0	7400.280000000000	8100.0	Pass
2017-11-22	8099.9	8304.4	8091.6	65810.0	7635.92	8234.5	Pass
2017-11-24	8013.4	8332.9	7900.2	73000.0	7945.38	8200.8	Pass
2017-11-25	8203.5	8762.0	8153.7	84670.0	8092.530000000000	8754.7	Pass
2017-11-26	8754.6	9474.6	8746.6	85890.0	8239.0	9318.4	Pass
2017-11-29	9906.0	11417.8	8938.7	233330.0	8834.360000000000	9837.9	Pass
2017-12-01	9947.1	10942.8	9420.9	131920.0	9280.72	10861.5	Pass
2017-12-03	10912.7	11851.1	10578	122130.0	9871.820000000000	11246.2	Pass
2017-12-04	11244.2	11624.6	10917	93170.0	10214.130000000000	11623.9	Pass
2017-12-06	11667.1	13843.2	11661	191580.0	10948.49	13749.6	Pass
2017-12-09	16048.2	16313.2	13151	181980.0	12774.91	14843.4	Pass
2017-12-10	14840.0	15783.2	13031	201620.0	13286.190000000000	15059.6	Pass
2017-12-12	16733.3	17560.7	16254	132850.0	14490.41	17083.9	Pass
2017-12-16	17594.1	19587.7	17318	112170.0	16632.23	19345.5	Pass
2017-12-17	19346.6	19870.6	18750	117410.0	16853.77	19065.7	Pass
2017-12-21	16461.1	17301.8	14953	163740.0	17444.470000000000	15632.1	Pass
2017-12-22	15632.1	15823.7	10875	466980.0	17102.580000000000	13665.0	Pass
2017-12-24	14396.6	14413.7	12166	182420.0	16645.76	13790.0	Pass
2017-12-27	15757.0	16514.6	14534	138710.0	15544.830000000000	15416.6	Pass
2017-12-28	15416.3	15505.5	13466	170370.0	15087.470000000000	14398.7	Pass
2017-12-31	12532.4	14241.8	12359	111270.0	14203.14	13850.4	Pass
2018-01-02	13444.9	15306.1	12934	137730.0	14216.89	14754.1	Sell
2018-01-03	14754.1	15435.0	14579	106540.0	14353.55	15156.6	Pass

2018-01-04	15156.5	15408.7	14244	110970.0	14488.210000000000	15180.1	Pass	
2018-01-06	16954.8	17252.8	16286	83930.0		14783.6	17172.3	Pass
2018-01-07	17174.5	17184.8	15791	79010.0		14966.55	16228.2	Pass
2018-01-08	16228.3	16302.9	13902	142450.0		15024.91	14976.2	Pass
2018-01-12	13529.2	14176.4	13410	82370.0	15291.180000000000	13886.7	Pass	
2018-01-16	13704.4	13711.0	10050	317100.0		14149.49	11362.0	Pass
2018-01-21	12857.1	12860.2	11164	206960.0		12540.53	11594.9	Pass
2018-01-23	10869.0	11438.0	10056	188370.0	11899.440000000000	10903.2	Pass	
2018-01-24	10899.4	11549.5	10584	136060.0		11675.15	11452.3	Pass
2018-01-25	11439.9	11740.9	10983	181810.0		11425.7	11203.0	Pass
2018-01-26	11203.1	11655.3	10389	253910.0		11401.31	11118.1	Pass
2018-01-27	11118.0	11621.7	10908	163490.0	11428.830000000000	11467.5	Pass	
2018-01-30	11244.5	11277.2	9917.7	264720.0		11180.97	10166.0	Pass
2018-02-01	10266.2	10303.0	8789.2	358400.0		10879.65	9181.1	Pass
2018-02-02	9179.8	9201.4	7915.8	519400.0		10678.65	8893.2	Pass
2018-02-03	8894.4	9506.9	8249.3	248710.0		10457.53	9241.1	Pass
2018-02-05	8220.8	8383.2	6651.9	593890.0	9741.490000000000	6938.5	Pass	
2018-02-06	6939.3	7896.2	5996.6	886880.0		9364.86	7701.2	Pass
2018-02-09	8163.6	8735.6	7784.6	233940.0		8490.14	8699.8	Sell
2018-02-12	8083.6	8984.9	8083.6	238670.0		8210.67	8903.5	Sell
2018-02-13	8906.2	8942.7	8378.0	195870.0	8140.480000000000	8539.2	Pass	
2018-02-14	8542.6	9500.0	8541.6	246880.0		8265.89	9476.3	Pass
2018-02-17	10177.3	11095.9	10070	224760.0		9171.4	11073.5	Pass
2018-02-18	11073.7	11271.6	10137	288910.0		9394.86	10398.8	Pass
2018-02-19	10396.6	11250.5	10324	215200.0		9641.82	11169.4	Pass
2018-02-20	11169.7	11791.5	11119	267560.0		9909.73	11238.7	Pass
2018-02-21	11240.9	11289.7	10252	327140.0		10148.84	10473.0	Pass
2018-02-23	9840.6	10419.1	9597.8	271500.0	10405.780000000000	10170.4	Pass	
2018-02-24	10163.8	10506.1	9394.5	239160.0		10428.58	9704.3	Pass
2018-02-25	9703.1	9860.3	9330.1	196490.0	10383.370000000000	9585.2	Pass	
2018-02-26	9590.9	10378.4	9410.3	235940.0		10394.01	10285.1	Pass
2018-02-27	10287.8	10867.2	10120	202580.0		10346.1	10594.4	Sell

2018-03-02	10904.5	11167.0	10677	201690.0		10272.02	10827.7	Pass
2018-03-07	10779.0	10899.0	9422.1	284540.0		10767.3	9902.9	Buy
2018-03-08	9910.7	10109.0	9037.0	256260.0	10668.790000000000	9300.0	Pass	
2018-03-11	8732.2	9719.6	8516.4	266590.0	10236.370000000000	9529.6	Pass	
2018-03-20	8614.1	9039.6	8326.8	253440.0		8619.16	8912.6	Sell
2018-03-22	8903.7	9096.2	8499.1	223010.0	8515.670000000000	8726.2	Pass	
2018-03-26	8474.0	8515.7	7865.9	247180.0		8531.85	8143.5	Buy
2018-03-28	7803.0	8110.4	7754.5	167360.0		8499.9	7954.9	Pass
2018-03-30	7132.4	7288.1	6603.8	417310.0		8145.25	6853.7	Pass
2018-03-31	6856.5	7221.5	6804.9	245300.0	7948.480000000000	6938.2	Pass	
2018-04-01	6939.1	7047.7	6460.1	257530.0		7758.38	6825.2	Pass
2018-04-02	6825.4	7121.3	6787.6	199310.0	7573.540000000000	7068.4	Pass	
2018-04-03	7067.2	7519.3	7032.9	230800.0	7461.220000000000	7424.2	Pass	
2018-04-06	6783.7	6859.7	6523.4	174900.0		7040.9	6624.3	Pass
2018-04-07	6624.5	7071.9	6616.1	177100.0	6935.980000000000	6905.7	Pass	
2018-04-08	6905.9	7113.4	6903.9	132510.0	6926.110000000000	7030.5	Sell	
2018-04-12	6963.3	8009.6	6779.3	398300.0		7010.1	7926.6	Sell
2018-04-14	7891.1	8180.2	7839.3	164710.0	7175.970000000000	8004.4	Pass	
2018-04-17	8070.0	8171.7	7852.8	162590.0	7578.990000000000	7908.6	Pass	
2018-04-19	8179.0	8303.7	8126.7	155080.0		7844.67	8290.8	Pass
2018-04-24	8952.7	9734.8	8937.0	260790.0	8600.630000000000	9645.3	Pass	
2018-04-27	9282.8	9386.3	8920.2	184910.0	8876.510000000000	8940.9	Pass	
2018-04-28	8940.8	9428.9	8895.5	199780.0		8993.91	9352.4	Pass
2018-04-29	9352.2	9565.1	9182.8	184720.0		9106.34	9415.1	Pass
2018-05-02	9076.8	9265.7	8991.9	137480.0		9202.98	9243.2	Pass
2018-05-03	9244.2	9809.4	9171.4	201180.0	9282.670000000000	9749.7	Pass	
2018-05-04	9747.6	9800.9	9549.0	161550.0		9289.0	9708.6	Pass
2018-05-05	9709.5	9992.8	9691.3	158450.0	9387.040000000000	9853.5	Pass	
2018-05-06	9859.6	9957.7	9446.7	150950.0		9423.98	9656.4	Pass
2018-05-08	9373.9	9404.4	9079.8	157450.0		9457.45	9196.4	Buy
2018-05-09	9194.9	9377.9	8988.0	147890.0		9447.85	9319.1	Pass
2018-05-12	8409.6	8646.1	8184.1	210870.0	9280.880000000000	8459.5	Pass	

2018-05-13	8489.1	8758.4	8330.0	149800.0	9175.260000000000	8693.5	Pass
2018-05-14	8693.4	8878.3	8305.1	212050.0	9071.810000000000	8674.1	Pass
2018-05-19	8244.7	8389.1	8153.2	107890.0	8463.630000000000	8245.1	Pass
2018-05-21	8529.5	8550.6	8375.5	115520.0	8413.460000000000	8403.3	Pass
2018-05-23	8005.7	8047.4	7467.6	237600.0	8249.990000000000	7512.3	Pass
2018-05-25	7593.9	7653.4	7355.6	161820.0	8041.94	7477.7	Pass
2018-05-28	7367.3	7446.9	7090.6	152290.0	7761.360000000000	7119.3	Pass
2018-05-30	7469.2	7565.2	7306.8	140370.0	7570.730000000000	7400.1	Pass
2018-05-31	7400.8	7611.9	7355.0	144520.0	7480.660000000000	7502.6	Pass
2018-06-01	7502.5	7610.4	7375.8	135920.0	7433.140000000000	7530.8	Sell
2018-06-02	7530.8	7694.5	7467.9	121180.0	7446.57	7646.6	Pass
2018-06-05	7507.4	7672.6	7391.0	145230.0	7489.890000000000	7631.5	Pass
2018-06-06	7631.5	7699.1	7504.4	130660.0	7519.320000000000	7661.0	Pass
2018-06-09	7622.1	7689.0	7493.3	97560.0	7604.18	7515.8	Buy
2018-06-10	7515.8	7516.3	6668.1	275690.0	7531.43	6775.1	Pass
2018-06-12	6885.9	6887.2	6476.0	178260.0	7358.1	6558.2	Pass
2018-06-16	6410.0	6564.2	6358.0	108790.0	6893.040000000000	6505.8	Pass
2018-06-17	6505.8	6593.0	6452.1	90670.0	6769.290000000000	6460.3	Pass
2018-06-18	6460.5	6794.5	6410.9	135700.0	6679.06	6719.8	Pass
2018-06-20	6752.3	6812.7	6575.1	121480.0	6601.75	6765.4	Pass
2018-06-21	6765.8	6797.5	6695.1	99290.0	6585.960000000000	6728.0	Pass
2018-06-24	6167.9	6248.3	5785.3	240600.0	6471.96	6154.6	Pass
2018-06-25	6155.1	6331.2	6101.7	210690.0	6456.59	6256.6	Pass
2018-06-29	5883.2	6284.9	5818.5	206960.0	6246.14	6213.3	Pass
2018-06-30	6213.4	6498.5	6204.0	189330.0	6209.49	6398.9	Sell
2018-07-01	6398.5	6445.1	6284.7	128510.0	6173.37	6366.8	Pass
2018-07-02	6349.1	6680.0	6275.0	179920.0	6229.75	6619.5	Pass
2018-07-10	6668.4	6686.8	6291.5	315270.0	6571.7	6307.2	Buy
2018-07-11	6307.2	6409.7	6296.6	243820.0	6573.93	6389.1	Pass
2018-07-13	6250.8	6333.8	6144.5	233220.0	6508.710000000000	6230.2	Pass
2018-07-14	6229.5	6313.5	6192.5	243710.0	6474.35	6254.8	Pass
2018-07-15	6254.8	6399.6	6238.5	180670.0	6455.99	6362.9	Pass

2018-07-16	6362.8	6749.2	6344.1	312120.0		6467.21	6729.9	Sell
2018-07-17	6729.8	7453.2	6666.0	337750.0	6522.860000000000	7322.0	Pass	
2018-07-19	7383.9	7558.4	7288.8	247250.0	6670.780000000000	7477.5	Pass	
2018-07-22	7409.0	7575.3	7343.7	204160.0		6992.13	7412.3	Pass
2018-07-26	8173.9	8304.3	7861.0	235450.0		7658.42	7937.0	Pass
2018-07-27	7936.9	8273.8	7808.3	243220.0	7744.960000000000	8187.4	Pass	
2018-07-30	8214.7	8262.0	7874.4	242210.0	7987.590000000000	8177.1	Pass	
2018-08-01	7728.5	7753.2	7449.2	237690.0		8039.07	7606.4	Pass
2018-08-03	7535.6	7535.6	7293.5	226460.0	7921.530000000000	7419.0	Pass	
2018-08-08	6725.2	6725.2	6138.8	311540.0		7246.1	6283.6	Pass
2018-08-09	6283.7	6620.2	6197.0	237660.0	7082.270000000000	6538.8	Pass	
2018-08-10	6539.5	6570.2	6043.4	298820.0		6924.56	6152.3	Pass
2018-08-11	6152.8	6469.6	6009.8	247340.0		6787.08	6231.6	Pass
2018-08-15	6190.2	6592.8	6177.9	3740.0		6389.02	6256.9	Pass
2018-08-16	6256.9	6470.9	6249.8	3500.0		6325.33	6306.7	Pass
2018-08-17	6306.7	6581.7	6291.8	3200.0		6311.01	6581.7	Sell
2018-08-18	6581.8	6626.4	6295.5	3150.0		6320.56	6379.1	Pass
2018-08-19	6379.1	6534.8	6316.0	2710.0		6314.83	6481.5	Pass
2018-08-23	6359.9	6550.2	6359.2	2760.0	6382.720000000000	6521.2	Pass	
2018-08-24	6521.2	6721.2	6472.8	3700.0		6431.74	6680.4	Pass
2018-08-26	6734.9	6892.7	6573.1	3370.0		6520.13	6712.7	Pass
2018-08-27	6712.7	6902.9	6650.4	3260.0		6551.72	6897.6	Pass
2018-08-31	6993.7	7080.2	6698.0	4210.0		6803.75	7033.8	Pass
2018-09-04	7264.2	7409.9	7234.5	3920.0		7086.67	7377.5	Pass
2018-09-05	7377.5	7407.5	6691.8	4550.0		7086.08	6706.8	Buy
2018-09-06	6706.8	6732.9	6337.8	4020.000	7047.720000000000	6514.0	Pass	
2018-09-07	6514.1	6540.6	6316.2	3300.0		6979.35	6390.9	Pass
2018-09-08	6390.9	6484.3	6132.3	3460.0		6894.87	6184.3	Pass
2018-09-09	6184.3	6432.6	6148.8	2840.0		6819.35	6238.5	Pass
2018-09-12	6293.9	6353.5	6204.5	3040.0	6562.910000000000	6338.0	Pass	
2018-09-13	6338.0	6867.3	6337.8	3530.0		6484.78	6482.9	Pass
2018-09-17	6500.2	6533.5	6215.9	3260.0		6361.34	6251.9	Buy

2018-09-18	6251.9	6388.8	6228.8	2820.0		6377.11	6342.0	Pass
2018-09-20	6390.4	6537.5	6346.4	5180.0		6409.12	6489.2	Sell
2018-09-21	6490.9	6780.5	6489.8	7730.0		6456.4	6766.7	Pass
2018-09-23	6729.6	6789.4	6666.4	7340.0		6517.68	6704.1	Pass
2018-09-24	6713.3	6728.1	6559.1	7570.0	6527.720000000000	6584.1	Pass	
2018-09-25	6590.6	6590.6	5977.0	7340.0		6520.33	6445.1	Buy
2018-09-26	6443.0	6551.9	6384.1	8640.0		6517.12	6468.1	Pass
2018-09-28	6685.7	6809.2	6538.6	9570.0		6590.25	6636.0	Pass
2018-10-03	6549.9	6563.5	6429.6	9210.0		6572.75	6507.8	Pass
2018-10-04	6509.2	6653.0	6487.8	9310.0		6572.76	6584.2	Pass
2018-10-06	6639.1	6661.5	6550.4	9180.0	6604.980000000000	6596.3	Pass	
2018-10-07	6596.3	6633.9	6523.8	77060.0	6597.160000000000	6611.0	Pass	
2018-10-08	6611.0	6699.5	6589.9	119680.0	6600.520000000000	6669.6	Pass	
2018-10-09	6669.6	6678.9	6613.3	80790.0	6605.210000000000	6650.8	Pass	
2018-10-12	6239.2	6344.8	6206.8	147400.0		6540.72	6291.3	Pass
2018-10-13	6291.3	6329.3	6282.8	94450.0		6522.11	6321.7	Pass
2018-10-17	6718.9	6745.9	6637.8	136710.0		6520.9	6686.6	Pass
2018-10-18	6690.1	6736.3	6530.6	134150.0		6511.35	6574.1	Pass
2018-10-19	6576.4	6603.2	6506.9	121440.0	6497.470000000000	6512.0	Pass	
2018-10-22	6583.0	6612.7	6529.5	101570.0	6553.730000000000	6555.8	Pass	
2018-10-23	6558.6	6573.6	6500.5	108860.0		6574.43	6528.7	Pass
2018-10-26	6507.0	6570.5	6498.5	97170.0		6556.01	6510.0	Pass
2018-10-27	6510.0	6534.0	6473.7	76720.0		6536.77	6494.2	Pass
2018-10-29	6486.1	6498.4	6310.5	160520.0	6510.270000000000	6335.0	Pass	
2018-11-01	6365.9	6421.8	6354.2	124160.0		6448.38	6400.5	Pass
2018-11-02	6400.5	6444.3	6390.9	135870.0		6437.98	6424.7	Pass
2018-11-03	6424.5	6429.5	6346.2	112840.0	6423.530000000000	6386.2	Pass	
2018-11-04	6386.2	6508.9	6359.7	128760.0		6420.65	6478.2	Pass
2018-11-07	6503.1	6594.3	6502.0	170760.0		6424.4	6565.3	Pass
2018-11-09	6473.8	6496.1	6390.0	151600.0		6446.93	6412.0	Pass
2018-11-12	6445.0	6475.9	6409.4	130160.0		6458.64	6435.0	Pass
2018-11-14	6428.9	6453.3	5619.2	438210.0		6399.36	5842.4	Buy

2018-11-15	5854.0	5878.5	5384.1	375860.0		6325.28	5718.9	Pass
2018-11-16	5723.5	5747.7	5539.7	224120.0		6238.62	5636.2	Pass
2018-11-18	5621.0	5727.9	5615.5	158680.0		6062.7	5658.3	Pass
2018-11-19	5660.4	5662.5	4831.1	478260.0	5909.880000000000	4883.8	Pass	
2018-11-20	4883.6	5013.4	4272.3	714080.0		5719.63	4524.6	Pass
2018-11-21	4523.0	4743.7	4393.0	412740.0		5538.89	4638.7	Pass
2018-11-22	4646.4	4695.7	4346.7	261850.0		5330.99	4356.0	Pass
2018-11-25	3920.3	4198.4	3634.2	619950.0		4770.0	4062.2	Pass
2018-11-27	3840.3	3920.6	3687.8	457270.0		4414.55	3866.5	Pass
2018-11-29	4265.5	4440.1	4140.6	414460.0	4216.530000000000	4296.5	Sell	
2018-11-30	4296.8	4340.6	3954.5	444520.0	4168.040000000000	4039.7	Buy	
2018-12-01	4038.7	4299.1	3967.1	316300.0		4123.79	4196.2	Sell
2018-12-02	4196.2	4316.1	4105.3	298630.0	4104.230000000000	4160.4	Pass	
2018-12-05	3958.1	3974.1	3765.2	341600.0		4028.96	3771.6	Pass
2018-12-09	3430.3	3677.6	3424.2	327930.0		3795.29	3567.5	Pass
2018-12-10	3566.9	3622.4	3412.7	394490.0	3737.370000000000	3460.5	Pass	
2018-12-11	3460.4	3485.9	3349.9	418530.0	3658.520000000000	3407.7	Pass	
2018-12-12	3390.2	3510.2	3379.4	391170.0		3589.09	3466.1	Pass
2018-12-13	3466.2	3474.4	3284.8	435890.0		3530.84	3315.3	Pass
2018-12-14	3315.4	3336.6	3199.1	445560.0	3459.770000000000	3247.8	Pass	
2018-12-15	3247.8	3282.3	3177.0	332950.0	3405.480000000000	3228.7	Pass	
2018-12-17	3248.3	3597.4	3243.1	534780.0		3389.8	3526.1	Sell
2018-12-27	3793.4	3822.6	3560.8	543440.0		3836.0	3586.9	Buy
2018-12-28	3587.1	3900.3	3565.5	565240.0	3855.360000000000	3861.6	Pass	
2018-12-31	3815.1	3819.6	3658.8	545830.0	3817.080000000000	3709.4	Pass	
2019-01-02	3809.7	3894.8	3768.1	554470.0	3794.520000000000	3873.8	Sell	
2019-01-03	3874.1	3875.8	3753.0	450320.0	3769.920000000000	3780.1	Pass	
2019-01-04	3780.5	3823.9	3720.0	488700.0	3773.940000000000	3802.7	Pass	
2019-01-05	3802.8	3846.7	3769.0	468450.0	3773.110000000000	3785.4	Pass	
2019-01-07	4004.3	4028.0	3945.5	500880.0	3827.260000000000	3985.9	Pass	
2019-01-09	3971.0	4014.2	3957.5	473420.0	3869.980000000000	3978.0	Pass	
2019-01-12	3616.6	3633.9	3561.3	435060.0		3812.46	3597.2	Pass

2019-01-15	3637.5	3660.8	3545.7	544850.0		3745.6	3571.3	Pass
2019-01-18	3626.3	3627.9	3575.7	488160.0		3631.5	3605.6	Pass
2019-01-19	3605.8	3715.2	3604.1	537060.0	3601.4800000000000	3677.8	Sell	
2019-01-20	3676.2	3699.1	3503.9	563310.0		3595.34	3542.3	Buy
2019-01-21	3542.7	3561.4	3505.4	394170.0	3587.3600000000000	3536.7	Pass	
2019-01-22	3536.9	3607.9	3465.2	447700.0		3585.65	3580.1	Pass
2019-01-23	3580.1	3608.3	3532.8	445870.0		3592.78	3561.5	Pass
2019-01-25	3574.3	3582.6	3542.2	448890.0		3586.47	3572.0	Pass
2019-01-26	3572.0	3652.5	3556.1	432550.0	3584.7600000000000	3570.9	Pass	
2019-01-28	3555.8	3561.2	3395.7	620850.0		3561.4	3442.8	Pass
2019-01-29	3442.8	3450.1	3368.2	585460.0		3535.1	3414.8	Pass
2019-01-31	3460.0	3484.7	3427.0	477070.0	3516.9200000000000	3437.2	Pass	
2019-02-02	3467.9	3514.5	3447.8	443600.0		3499.8	3502.5	Pass
2019-02-03	3502.3	3507.8	3431.3	451660.0		3488.28	3459.1	Pass
2019-02-04	3459.0	3479.7	3437.1	503920.0	3477.3600000000000	3462.8	Pass	
2019-02-05	3463.0	3485.9	3450.3	460950.0	3467.1100000000000	3468.4	Pass	
2019-02-06	3468.5	3478.0	3383.9	514210.0	3451.9800000000000	3404.3	Pass	
2019-02-08	3397.3	3721.1	3382.5	699230.0		3472.16	3661.7	Sell
2019-02-10	3661.0	3680.6	3617.1	501900.0	3516.4800000000000	3679.0	Pass	
2019-02-11	3678.8	3681.1	3623.8	517280.0	3532.8700000000000	3631.8	Pass	
2019-02-13	3632.0	3663.5	3599.2	558020.0		3561.06	3611.5	Pass
2019-02-14	3611.5	3624.5	3580.2	498140.0		3574.04	3592.6	Pass
2019-02-17	3616.8	3689.9	3607.9	580510.0	3635.5700000000000	3664.2	Pass	
2019-02-19	3896.4	3993.8	3863.7	1440.0		3684.29	3914.3	Pass
2019-02-20	3914.3	3983.6	3881.2	698010.0		3713.63	3972.4	Pass
2019-02-22	3937.4	3983.1	3931.7	649550.0	3777.4300000000000	3965.2	Pass	
2019-02-23	3965.2	4152.6	3939.4	727850.0	3828.3200000000000	4120.4	Pass	
2019-02-25	3755.7	3870.7	3753.8	765870.0	3867.4800000000000	3833.7	Pass	
2019-02-26	3833.5	3845.5	3775.0	2090.0	3886.8300000000000	3810.3	Pass	
2019-02-27	3810.3	3836.4	3701.9	2820.0		3901.87	3814.6	Pass
2019-03-01	3816.7	3855.8	3816.4	1740.0	3884.6900000000000	3821.9	Pass	
2019-03-02	3821.9	3843.2	3783.6	1610.0	3869.7600000000000	3823.1	Pass	

2019-03-04	3809.7	3828.4	3681.8	2850.0		3832.12	3715.9	Pass
2019-03-06	3857.2	3887.3	3816.7	2520.0	3816.58000000000000	3863.0	Pass	
2019-03-08	3875.1	3929.0	3810.7	2960.0		3826.28	3865.9	Pass
2019-03-09	3865.6	3964.0	3859.7	2480.0		3839.25	3944.3	Pass
2019-03-11	3915.2	3935.5	3842.4	3190.0		3853.95	3870.3	Pass
2019-03-14	3865.1	3914.7	3828.4	2860.0	3882.11000000000000	3879.0	Pass	
2019-03-15	3879.0	3935.7	3874.8	3110.0	3888.82000000000000	3924.3	Pass	
2019-03-16	3924.4	4050.6	3923.7	3460.0		3903.16	4006.4	Pass
2019-03-18	3981.5	4032.3	3958.5	2620.0	3926.23000000000000	3990.2	Pass	
2019-03-19	3990.2	4029.9	3972.4	2990.0		3933.5	4017.0	Pass
2019-03-20	4017.0	4050.0	3985.3	3180.0		3946.1	4041.2	Pass
2019-03-21	4041.2	4064.0	3923.8	3880.0		3957.29	3982.2	Pass
2019-03-22	3982.2	4005.7	3971.8	2830.0	3967.73000000000000	3990.4	Pass	
2019-03-23	3990.4	4018.2	3980.8	2000.0		3981.47	4002.5	Pass
2019-03-24	4002.6	4005.7	3967.0	2040.0	3993.04000000000000	3994.7	Pass	
2019-03-25	3994.8	4000.5	3897.9	2860.0		3994.31	3937.0	Buy
2019-03-31	4111.8	4121.9	4082.2	2430.0		4025.1	4102.3	Pass
2019-04-01	4102.3	4159.1	4076.8	3220.0	4040.57000000000000	4145.1	Pass	
2019-04-03	4859.3	5278.4	4814.0	13830.0		4223.65	4968.7	Pass
2019-04-04	4968.7	5042.5	4789.2	1050.0	4320.19000000000000	4902.4	Pass	
2019-04-05	4902.5	5029.4	4888.3	851720.0		4426.93	5010.2	Pass
2019-04-06	5010.0	5198.4	4947.9	952180.0		4527.38	5046.2	Pass
2019-04-07	5046.1	5219.5	5033.7	841270.0	4642.18000000000000	5173.6	Pass	
2019-04-09	5245.0	5245.9	5095.2	784620.0	4861.14000000000000	5158.4	Pass	
2019-04-15	5135.1	5168.0	4964.2	688200.0		5122.69	5032.3	Buy
2019-04-17	5182.1	5230.9	5165.5	806520.0		5139.63	5208.3	Sell
2019-04-19	5264.8	5282.4	5192.1	787090.0		5149.84	5241.0	Pass
2019-04-20	5241.0	5327.0	5240.2	782320.0		5148.08	5290.2	Pass
2019-04-22	5248.2	5370.2	5170.2	920770.0		5199.42	5346.7	Pass
2019-04-23	5346.5	5594.4	5291.4	900000.0		5245.4	5511.6	Pass
2019-04-25	5415.6	5528.2	5137.4	955360.0		5291.16	5209.1	Buy
2019-04-26	5209.2	5469.3	5159.3	1030.0		5302.9	5298.3	Pass

2019-04-28	5265.7	5332.5	5234.4	681410.0		5312.42	5302.3	Pass
2019-04-29	5302.4	5322.9	5188.9	775820.0	5311.820000000000	5235.0	Pass	
2019-04-30	5235.4	5336.6	5195.9	697420.0	5314.880000000000	5320.8	Pass	
2019-05-01	5321.1	5396.3	5319.5	623640.0		5328.95	5384.2	Sell
2019-05-02	5384.6	5530.8	5370.0	722230.0		5343.66	5493.8	Pass
2019-05-03	5493.6	5844.2	5478.7	1040.0		5369.18	5766.8	Pass
2019-05-05	5830.8	5838.2	5708.2	709020.0	5467.290000000000	5774.9	Pass	
2019-05-07	5745.5	6019.8	5745.5	955880.0		5570.33	5849.5	Pass
2019-05-08	5849.4	6011.3	5799.1	757130.0	5639.130000000000	5990.3	Pass	
2019-05-09	5990.5	6206.0	5990.0	799960.0		5734.78	6191.5	Pass
2019-05-10	6194.3	6466.6	6157.8	907940.0		5841.3	6386.0	Pass
2019-05-11	6386.6	7373.8	6386.5	1310.0		6021.91	7190.3	Pass
2019-05-13	6984.7	8058.3	6893.1	1200.0		6374.93	7806.0	Pass
2019-05-14	7806.4	8323.9	7674.0	1330.0		6591.3	7994.6	Pass
2019-05-15	7994.8	8225.3	7856.5	1130.0	6830.270000000000	8164.6	Pass	
2019-05-18	7359.9	7458.5	7189.4	865530.0		7321.17	7262.6	Pass
2019-05-19	7261.9	8253.4	7252.3	1080.0		7517.74	8157.2	Pass
2019-05-20	8156.4	8156.4	7604.0	958810.0		7675.67	7965.3	Pass
2019-05-23	7637.2	7939.1	7486.8	815140.0	7819.370000000000	7852.1	Pass	
2019-05-24	7852.8	8124.1	7775.4	868470.0		7816.92	7970.1	Sell
2019-05-26	8029.6	8718.6	7866.5	872120.0	7879.040000000000	8630.2	Pass	
2019-05-31	8271.4	8578.8	8135.0	858410.0		8306.99	8558.3	Pass
2019-06-02	8545.8	8807.7	8534.8	614540.0		8485.64	8728.6	Pass
2019-06-04	8118.1	8118.1	7494.0	966950.0		8466.92	7685.5	Pass
2019-06-05	7685.6	7885.0	7590.4	762940.0		8381.81	7779.1	Pass
2019-06-07	7785.8	8099.4	7749.4	588870.0		8211.18	7985.2	Pass
2019-06-08	7985.3	8044.4	7770.5	485810.0	8136.540000000000	7901.4	Pass	
2019-06-11	7987.8	8010.4	7714.5	579000.0	7950.030000000000	7888.0	Pass	
2019-06-13	8132.4	8306.1	8028.6	574210.0		7899.9	8219.0	Pass
2019-06-19	9080.7	9295.1	9044.0	587570.0	8631.380000000000	9255.4	Pass	
2019-06-21	9517.7	10184.3	9517.4	769120.0		9013.43	10179.3	Pass
2019-06-23	10721.5	11361.3	10557	683790.0		9540.1	10897.1	Pass

2019-06-30	11906.0	12179.3	10765	880770.0		11414.02	10818.6	Buy
2019-07-03	10835.9	11931.8	10835	998730.0	11569.540000000000	11900.8	Sell	
2019-07-04	11899.3	11948.0	11087	840340.0	11581.210000000000	11163.1	Buy	
2019-07-05	11159.7	11381.8	10810	772670.0	11497.240000000000	10970.2	Pass	
2019-07-08	11415.8	12332.3	11304	695600.0		11314.82	12252.6	Sell
2019-07-09	12250.6	12772.9	12111	847840.0		11378.32	12541.5	Pass
2019-07-12	11343.7	11881.4	11109	738170.0	11672.710000000000	11762.1	Pass	
2019-07-14	11364.3	11448.7	10128	840760.0		11522.82	10200.1	Pass
2019-07-15	10199.9	11064.7	9885.4	956520.0		11510.39	10845.9	Pass
2019-07-16	10844.0	11019.5	9375.3	1050.0		11326.07	9424.8	Pass
2019-07-17	9425.1	9983.6	9082.6	1030.0		11156.8	9723.2	Pass
2019-07-19	10651.6	10758.4	10160	727790.0		10799.68	10571.5	Pass
2019-07-20	10571.9	11155.6	10462	668940.0		10671.29	10826.7	Sell
2019-07-22	10715.1	10806.3	10196	591270.0	10473.540000000000	10412.5	Pass	
2019-07-23	10412.8	10414.7	9865.4	663380.0	10325.920000000000	9888.7	Buy	
2019-07-24	9887.2	9945.3	9584.0	639540.0		10286.34	9804.3	Pass
2019-07-26	9945.2	10436.1	9724.2	493750.0		10236.9	9831.0	Pass
2019-07-27	9830.4	10232.3	9389.1	661890.0		10213.79	9492.1	Pass
2019-07-29	9728.5	9835.4	9502.5	510900.0	10022.370000000000	9580.9	Pass	
2019-08-05	10934.8	11922.3	10934	769630.0		10293.07	11816.8	Pass
2019-08-07	11481.0	12114.5	11406	702850.0	10720.560000000000	12013.9	Pass	
2019-08-08	12015.9	12236.6	11727	592150.0	10981.630000000000	12191.6	Pass	
2019-08-09	12190.0	12225.3	11885	558720.0	11232.540000000000	12089.8	Pass	
2019-08-10	12090.5	12185.0	11281	570740.0	11355.790000000000	11314.5	Pass	
2019-08-11	11314.6	11728.4	11146	435830.0		11469.51	11517.2	Pass
2019-08-13	11395.0	11445.6	10793	540780.0		11564.64	10892.9	Pass
2019-08-16	10300.9	10734.0	9788.6	798670.0		11210.25	10335.6	Pass
2019-08-19	10312.8	10923.9	10267	519010.0		10724.87	10910.7	Sell
2019-08-20	10911.2	10941.6	10581	515470.0		10668.68	10752.6	Pass
2019-08-21	10753.3	10797.8	9908.0	717650.0	10531.110000000000	10141.5	Buy	
2019-08-24	10389.4	10415.9	9917.5	463850.0		10359.93	10131.0	Pass
2019-08-25	10132.1	10307.0	9935.2	422530.0		10343.22	10136.3	Pass

2019-08-26	10136.0	10568.2	10136	568770.0		10346.84	10371.8	Pass
2019-08-27	10372.2	10387.6	10060	419810.0		10343.51	10184.8	Pass
2019-08-30	9494.1	9675.7	9370.2	413920.0	10026.490000000000	9585.4		Pass
2019-09-03	10348.1	10756.8	10283	578790.0	9978.350000000000	10612.3		Pass
2019-09-05	10567.8	10630.7	10469	402090.0		10041.05	10566.9	Pass
2019-09-06	10566.7	10896.2	10227	643020.0		10053.5	10309.3	Pass
2019-09-08	10461.6	10578.0	10266	339730.0		10217.85	10402.8	Pass
2019-09-13	10415.2	10441.4	10174	365520.0	10364.240000000000	10342.1		Pass
2019-09-14	10342.2	10421.4	10253	326440.0		10341.15	10337.3	Pass
2019-09-18	10195.7	10257.5	10119	318820.0	10259.880000000000	10164.7		Pass
2019-09-19	10164.6	10297.6	9707.6	542250.0		10254.03	10250.5	Pass
2019-09-21	10172.8	10177.9	9939.8	326170.0	10243.810000000000	9993.0		Pass
2019-09-22	9993.0	10075.0	9870.9	337060.0	10205.460000000000	10031.6		Pass
2019-09-23	10031.3	10048.8	9656.3	431100.0		10141.47	9702.2	Pass
2019-09-24	9702.7	9793.8	8069.4	933160.0	9959.130000000000	8513.9		Pass
2019-09-26	8432.5	8463.1	7773.6	731030.0	9552.050000000000	8063.8		Pass
2019-09-27	8063.8	8257.4	7882.1	561400.0		9350.97	8184.9	Pass
2019-09-28	8184.5	8297.2	8031.1	457790.0		9155.35	8208.5	Pass
2019-10-01	8285.0	8486.2	8187.9	533950.0		8577.34	8302.7	Pass
2019-10-03	8363.6	8391.7	8090.1	460970.0	8263.060000000000	8226.9		Pass
2019-10-04	8227.6	8233.6	8041.4	416920.0		8226.48	8148.1	Pass
2019-10-07	7882.6	8293.5	7797.0	604740.0		8179.15	8198.6	Pass
2019-10-08	8198.5	8323.1	8118.1	469040.0	8176.590000000000	8182.9		Pass
2019-10-13	8304.3	8450.2	8190.6	419870.0		8252.15	8281.5	Pass
2019-10-16	8167.1	8185.9	7929.8	538920.0		8288.51	8000.4	Pass
2019-10-17	8000.4	8118.2	7944.4	444950.0		8275.98	8073.3	Pass
2019-10-18	8073.3	8116.4	7842.0	505790.0		8252.54	7948.5	Pass
2019-10-21	8224.1	8315.3	8155.7	489400.0		8151.75	8208.2	Pass
2019-10-22	8207.4	8289.1	8017.7	570390.0		8124.45	8031.4	Pass
2019-10-23	8031.0	8055.0	7329.2	892080.0		8044.0	7477.0	Pass
2019-10-24	7476.8	7501.5	7366.3	586490.0	7950.940000000000	7422.7		Pass
2019-10-26	8658.4	10540.0	8061.8	1780.0		8123.07	9230.6	Pass

2019-10-28	9530.1	9866.9	9202.5	1040.0		8394.57	9207.2	Pass
2019-10-31	9157.9	9378.9	8959.6	798930.0		8727.86	9152.6	Pass
2019-11-01	9153.1	9270.4	9057.2	689650.0		8847.73	9230.1	Pass
2019-11-03	9300.5	9359.1	9095.0	536560.0		9207.65	9198.3	Pass
2019-11-05	9396.1	9452.7	9193.9	653420.0		9289.48	9310.8	Pass
2019-11-06	9311.2	9424.6	9262.7	578030.0		9270.41	9338.9	Pass
2019-11-07	9339.2	9367.0	9130.0	603540.0	9272.040000000000	9223.5	Pass	
2019-11-12	8737.4	8841.2	8615.7	575160.0	9063.690000000000	8812.6	Pass	
2019-11-13	8813.2	8829.7	8721.1	454330.0	9022.170000000000	8783.1	Pass	
2019-11-14	8782.9	8799.8	8615.8	515430.0		8948.65	8661.2	Pass
2019-11-16	8476.2	8532.8	8450.7	471160.0	8781.040000000000	8497.3	Pass	
2019-11-20	8145.7	8223.0	8074.2	607270.0	8493.060000000000	8099.3	Pass	
2019-11-21	8099.4	8129.6	7519.7	891500.0		8382.16	7627.9	Pass
2019-11-22	7627.9	7700.9	6818.5	1410.0		8228.15	7272.5	Pass
2019-11-23	7271.6	7342.5	7093.7	783180.0		8082.25	7324.1	Pass
2019-11-25	6924.7	7352.8	6534.8	1290.0	7772.530000000000	7115.6	Pass	
2019-11-26	7115.5	7329.5	7045.1	844270.0		7639.08	7162.8	Pass
2019-11-27	7162.8	7636.9	6875.4	996490.0	7539.160000000000	7510.6	Pass	
2019-11-29	7426.6	7825.3	7412.3	766710.0		7420.69	7742.7	Sell
2019-11-30	7742.7	7787.7	7472.7	650600.0	7365.420000000000	7546.6	Pass	
2019-12-03	7298.1	7389.4	7227.1	548770.0	7341.610000000000	7291.8	Pass	
2019-12-05	7204.6	7476.3	7184.0	780780.0	7397.940000000000	7399.2	Pass	
2019-12-09	7524.8	7626.0	7321.6	648660.0		7405.85	7355.8	Pass
2019-12-10	7356.2	7400.3	7192.1	609500.0	7374.760000000000	7235.7	Buy	
2019-12-12	7208.0	7272.4	7124.6	611800.0		7346.9	7208.0	Pass
2019-12-14	7255.2	7267.4	7043.3	524560.0		7330.88	7080.8	Pass
2019-12-17	6903.5	6943.5	6575.0	894550.0		7151.32	6613.3	Pass
2019-12-19	7276.4	7354.0	7039.3	778720.0		7107.45	7165.5	Pass
2019-12-20	7165.5	7218.4	7107.7	627040.0	7103.520000000000	7196.4	Pass	
2019-12-23	7496.2	7684.0	7276.2	952160.0		7133.88	7322.8	Pass
2019-12-25	7268.3	7542.4	7150.9	625410.0	7162.260000000000	7224.8	Pass	
2019-12-26	7225.0	7414.3	7177.3	795090.0		7193.0	7210.9	Pass

2019-12-27	7210.8	7293.8	7128.5	718070.0	7257.840000000000	7261.7	Pass	
2019-12-28	7261.9	7375.9	7256.5	610960.0	7262.390000000000	7321.5	Pass	
2019-12-29	7321.6	7518.9	7303.0	611690.0	7285.590000000000	7397.5	Pass	
2020-01-02	7199.7	7209.6	6901.4	632780.0	7230.970000000000	6967.0	Pass	
2020-01-04	7345.1	7433.1	7291.4	523910.0		7253.65	7376.8	Pass
2020-01-06	7372.6	7783.1	7366.7	786750.0		7319.55	7759.1	Pass
2020-01-07	7759.1	8182.0	7754.1	1010.0	7402.970000000000	8155.7	Pass	
2020-01-10	7842.5	8187.4	7697.7	1050.0		7626.31	8187.1	Pass
2020-01-11	8187.8	8262.9	8008.4	776750.0		7708.74	8024.1	Pass
2020-01-12	8023.3	8189.9	7973.1	595220.0		7830.8	8187.6	Pass
2020-01-15	8827.9	8904.0	8615.5	1170.0		8197.45	8818.3	Pass
2020-01-16	8818.1	8850.0	8605.8	748320.0		8294.23	8726.9	Pass
2020-01-17	8726.7	9005.1	8675.9	794110.0	8369.970000000000	8913.1	Pass	
2020-01-19	8916.3	9183.7	8552.8	975010.0		8542.02	8706.2	Pass
2020-01-20	8705.7	8740.1	8539.2	599060.0		8587.5	8641.9	Pass
2020-01-23	8678.5	8687.3	8309.6	722670.0	8736.810000000000	8405.1	Buy	
2020-01-26	8341.6	8607.8	8304.9	468340.0		8638.3	8607.8	Pass
2020-01-27	8608.1	8983.1	8585.6	706450.0		8633.65	8866.6	Sell
2020-01-28	8866.6	9389.5	8866.6	954200.0		8679.75	9377.3	Pass
2020-01-29	9377.3	9428.7	9250.9	749880.0		8739.02	9298.9	Pass
2020-02-01	9349.3	9458.8	9301.5	458420.0		8957.52	9381.6	Pass
2020-02-02	9381.5	9465.4	9183.1	683370.0		9050.5	9334.9	Pass
2020-02-03	9334.6	9582.8	9243.1	701390.0	9136.170000000000	9296.6	Pass	
2020-02-07	9771.9	9872.5	9738.7	608960.0		9456.47	9818.6	Pass
2020-02-09	9895.4	10157.1	9882.7	617350.0		9580.55	10151.5	Pass
2020-02-10	10151.5	10181.7	9774.8	781220.0		9631.05	9854.1	Pass
2020-02-15	10336.0	10369.8	9831.7	808810.0		10051.47	9907.7	Buy
2020-02-16	9907.4	10056.4	9654.9	808910.0		10067.5	9932.3	Pass
2020-02-17	9931.7	9951.5	9468.9	961880.0		10055.78	9701.4	Pass
2020-02-18	9701.5	10230.1	9601.6	945910.0	10082.070000000000	10158.4	Pass	
2020-02-19	10158.6	10230.9	9424.3	905950.0		10027.86	9609.4	Pass
2020-02-22	9684.5	9706.5	9569.8	589880.0	9881.990000000000	9655.7	Pass	

2020-02-27	8800.1	8968.3	8538.5	1130.0		9525.19	8818.6	Pass
2020-03-01	8543.8	8737.2	8437.2	784050.0		9166.29	8540.0	Pass
2020-03-02	8537.5	8961.8	8503.1	1020.0	9088.320000000000	8904.8	Pass	
2020-03-03	8906.1	8911.7	8669.3	1010.0		8998.89	8761.4	Pass
2020-03-04	8761.3	8840.3	8679.7	759690.0		8880.41	8757.9	Pass
2020-03-05	8757.9	9147.3	8751.5	950760.0		8820.17	9060.3	Sell
2020-03-07	9134.2	9180.8	8848.7	750650.0		8810.68	8887.8	Pass
2020-03-12	7935.2	7963.1	4546.6	3220.0	8122.160000000000	4826.0	Pass	
2020-03-13	4815.2	5934.3	3869.5	4170.0		7804.45	5584.3	Pass
2020-03-16	5366.4	5369.3	4477.7	2550.0		6667.05	5030.0	Pass
2020-03-17	5030.2	5432.8	4946.5	1890.0	6304.380000000000	5261.1	Pass	
2020-03-18	5260.7	5373.1	5020.9	1800.0		6037.11	5361.4	Pass
2020-03-19	5359.2	6379.5	5256.0	2180.0		5861.01	6172.0	Sell
2020-03-21	6205.6	6438.3	5887.0	1640.0	5517.530000000000	6186.2	Pass	
2020-03-22	6186.9	6394.4	5771.2	1480.0		5617.14	5822.1	Pass
2020-03-23	5822.0	6564.7	5710.8	1880.0		5705.6	6468.9	Pass
2020-03-25	6744.8	6930.2	6474.6	1520.0		5993.05	6678.9	Pass
2020-03-26	6677.9	6772.9	6541.7	1180.0	6162.560000000000	6725.1	Pass	
2020-03-30	5890.4	6576.5	5872.5	1430.0	6351.430000000000	6391.0	Pass	
2020-04-04	6735.9	6958.6	6679.1	1050.0		6505.84	6857.4	Pass
2020-04-05	6857.5	6889.4	6686.0	842330.0		6510.6	6772.7	Pass
2020-04-06	6772.8	7335.0	6770.1	1530.0		6606.49	7332.3	Pass
2020-04-07	7332.3	7440.3	7101.7	1320.0	6701.640000000000	7185.2	Pass	
2020-04-08	7185.6	7396.1	7153.1	983940.0	6848.720000000000	7361.2	Pass	
2020-04-10	7289.0	7294.4	6756.1	1370.0		6983.58	6863.1	Buy
2020-04-12	6867.9	7158.8	6785.1	1100.0	7018.220000000000	6917.6	Pass	
2020-04-17	7085.5	7142.8	7005.8	810100.0	6974.140000000000	7035.8	Pass	
2020-04-20	7122.9	7207.5	6771.2	1260.0	6941.530000000000	6833.5	Buy	
2020-04-21	6833.4	6919.3	6774.3	892570.0		6939.0	6842.5	Pass
2020-04-22	6842.5	7137.4	6821.8	914180.0	6958.530000000000	7112.9	Sell	
2020-04-23	7112.8	7655.4	7036.5	1340.0		7023.25	7488.5	Pass
2020-04-25	7503.9	7684.6	7451.0	861930.0		7179.67	7540.4	Pass

2020-04-26	7540.4	7679.4	7520.5	921590.0	7239.0	7678.9	Pass
2020-04-28	7766.0	7770.1	7655.3	808090.0	7363.630000000000	7746.9	Pass
2020-04-30	8770.6	9437.5	8425.5	2040.0	7707.980000000000	8629.0	Pass
2020-05-05	8874.2	9078.7	8800.4	1050.0	8514.080000000000	9001.0	Pass
2020-05-07	9152.7	10033.0	9064.8	1910.0	8882.710000000000	9979.8	Pass
2020-05-08	9980.1	10018.2	9731.4	1420.0	9088.640000000000	9806.2	Pass
2020-05-11	8737.6	9129.6	8235.6	2290.0	9153.81	8579.8	Pass
2020-05-18	9678.4	9930.2	9524.4	1180.0	9287.0	9730.7	Pass
2020-05-21	9511.6	9567.1	8833.6	1410.0	9434.14	9059.0	Buy
2020-05-24	9177.9	9292.0	8724.1	1110.0	9352.54	8728.2	Pass
2020-05-25	8728.0	8959.5	8666.1	941890.0	9310.560000000000	8898.2	Pass
2020-05-27	8842.3	9210.9	8818.6	810890.0	9209.0	9199.1	Pass
2020-05-31	9692.9	9695.6	9406.2	645270.0	9215.9	9454.8	Pass
2020-06-02	10190.7	10207.3	9347.3	1060.0	9352.92	9527.6	Pass
2020-06-08	9743.4	9788.2	9662.3	431040.0	9714.71	9777.9	Pass
2020-06-09	9777.7	9857.2	9616.6	479550.0	9722.34	9768.8	Pass
2020-06-10	9768.8	9970.9	9710.7	533550.0	9764.740000000000	9878.8	Pass
2020-06-13	9466.5	9484.9	9369.9	364970.0	9648.440000000000	9471.3	Pass
2020-06-19	9390.3	9424.0	9249.6	478490.0	9456.08	9314.0	Pass
2020-06-20	9314.0	9394.5	9199.8	383440.0	9404.08	9358.8	Pass
2020-06-24	9624.6	9667.4	9223.0	515780.0	9438.11	9302.0	Buy
2020-06-27	9160.5	9190.5	8865.3	441930.0	9338.34	9008.3	Pass
2020-06-28	9008.4	9185.5	8950.2	329010.0	9311.93	9124.0	Pass
2020-06-30	9186.0	9199.8	9075.3	381730.0	9276.73	9135.4	Pass
2020-07-01	9135.9	9289.0	9101.1	366780.0	9270.08	9229.9	Pass
2020-07-03	9085.0	9120.4	9050.9	333880.0	9154.47	9067.1	Pass
2020-07-07	9338.8	9371.2	9209.3	420550.0	9163.73	9256.0	Pass
2020-07-08	9256.3	9458.3	9233.1	509940.0	9194.32	9429.9	Pass
2020-07-09	9430.1	9434.5	9176.0	444270.0	9199.35	9235.7	Pass
2020-07-10	9239.0	9309.8	9131.9	418470.0	9214.320000000000	9285.1	Pass
2020-07-11	9285.8	9295.5	9184.2	353920.0	9214.66	9233.3	Pass
2020-07-12	9234.2	9337.8	9170.4	366880.0	9236.23	9300.8	Pass

2020-07-15	9253.6	9270.2	9168.7	429840.0		9277.55	9198.7	Pass
2020-07-16	9198.7	9224.2	9052.0	429040.0		9257.18	9135.3	Buy
2020-07-19	9170.1	9224.8	9106.4	265250.0		9218.42	9208.0	Pass
2020-07-21	9162.3	9426.9	9155.1	458990.0		9221.55	9387.3	Sell
2020-07-22	9387.4	9523.1	9296.0	386000.0		9242.84	9513.7	Pass
2020-07-24	9599.2	9626.2	9480.5	359160.0		9307.74	9546.4	Pass
2020-07-26	9690.0	10086.6	9645.9	415070.0		9438.0	9932.5	Pass
2020-07-27	9932.7	11367.0	9894.6	908990.0		9624.7	11022.8	Pass
2020-07-30	11105.8	11164.4	10861.	501140.0		10181.7	11096.2	Pass
2020-07-31	11096.5	11434.8	10964.	530950.0	10376.310000000000	11333.4		Pass
2020-08-01	11333.2	11847.7	11226	611470.0		10605.25	11803.1	Pass
2020-08-02	11802.6	12061.1	10730	647950.0		10751.97	11066.8	Pass
2020-08-03	11066.9	11461.1	10981	470240.0		10919.77	11224.4	Pass
2020-08-04	11223.8	11407.8	11043	485790.0		11067.83	11184.7	Pass
2020-08-05	11184.8	11771.5	11114	570830.0		11248.09	11735.1	Pass
2020-08-06	11735.0	11898.4	11563	554850.0		11321.52	11757.1	Pass
2020-08-09	11764.4	11792.8	11527	303000.0		11514.21	11681.2	Pass
2020-08-10	11681.1	12041.1	11546	564110.0	11569.790000000000	11889.2		Pass
2020-08-11	11889.2	11931.8	11146	615900.0		11528.52	11390.4	Buy
2020-08-12	11390.4	11605.4	11190	549590.0	11577.560000000000	11557.2		Pass
2020-08-15	11751.1	11964.0	11711	499100.0		11699.84	11845.3	Pass
2020-08-19	11944.4	12013.2	11602	550260.0		11808.32	11750.2	Pass
2020-08-25	11752.9	11766.9	11131	594070.0		11764.67	11324.8	Pass
2020-08-27	11462.3	11580.3	11135	560590.0		11625.48	11327.4	Pass
2020-08-28	11327.5	11539.0	11281	464940.0	11583.460000000000	11527.4		Pass
2020-09-01	11644.2	12045.9	11544	580690.0	11576.620000000000	11914.9		Pass
2020-09-02	11914.4	11947.5	11244	20260.0		11553.79	11413.3	Buy
2020-09-05	10472.3	10558.7	9897.8	14720.0		11173.08	10092.2	Pass
2020-09-07	10296.4	10400.9	9887.0	12400.0	10954.930000000000	10376.9		Pass
2020-09-08	10376.9	10434.4	9877.1	113900.0		10820.78	10126.6	Pass
2020-09-10	10224.3	10480.3	10219	88010.0		10542.59	10339.7	Pass
2020-09-11	10339.8	10398.8	10212	62280.0	10390.120000000000	10390.2		Pass

2020-09-14	10332.7	10744.3	10264	96640.0		10328.98	10675.3	Pass
2020-09-15	10675.2	10931.8	10627	91700.0	10398.290000000000	10785.3		Pass
2020-09-22	10419.4	10570.7	10361	63520.0		10756.2	10531.5	Pass
2020-09-25	10739.9	10756.0	10558	71430.0		10744.09	10688.8	Pass
2020-09-28	10776.4	10946.6	10685	72290.0	10681.440000000000	10693.2		Pass
2020-09-29	10694.3	10858.4	10642	59640.0		10657.35	10840.9	Sell
2020-10-05	10672.5	10789.6	10623	48860.0	10701.370000000000	10789.5		Pass
2020-10-07	10601.0	10680.1	10553	49270.0		10678.31	10670.9	Pass
2020-10-09	10923.5	11103.0	10836	70950.0		10722.73	11054.2	Pass
2020-10-11	11295.6	11439.4	11277	41060.0		10850.01	11371.0	Pass
2020-10-12	11370.8	11715.9	11227	84020.0		10946.17	11533.9	Pass
2020-10-13	11533.5	11558.0	11315	64670.0	11034.130000000000	11423.8		Pass
2020-10-17	11321.8	11402.7	11274	29860.0		11321.29	11362.1	Pass
2020-10-20	11753.9	12029.4	11685	94590.0		11511.0	11913.5	Pass
2020-10-21	11913.6	13213.5	11894	197720.0		11654.77	12808.7	Pass
2020-10-24	12933.6	13161.5	12876	51200.0		12119.55	13117.2	Pass
2020-10-27	13061.5	13782.3	13050	128640.0		12676.0	13657.8	Pass
2020-10-28	13658.3	13851.7	12907	144180.0		12853.2	13278.9	Pass
2020-10-29	13278.3	13640.0	12982	111230.0	13023.580000000000	13457.2		Pass
2020-11-01	13795.5	13889.5	13628	51710.0	13365.560000000000	13759.4		Pass
2020-11-02	13759.7	13828.4	13214	97760.0	13428.290000000000	13561.4		Pass
2020-11-03	13560.5	14054.0	13294	108170.0	13518.560000000000	14019.9		Pass
2020-11-04	14023.0	14238.8	13544	140800.0		13629.9	14145.6	Pass
2020-11-05	14145.6	15739.9	14099	227490.0		13882.45	15587.1	Pass
2020-11-06	15593.9	15955.2	15223	186130.0	14074.460000000000	15577.9		Pass
2020-11-12	15695.8	16342.7	15483	165540.0		15226.39	16294.7	Pass
2020-11-14	16323.1	16328.2	15717	83640.0		15649.36	16071.0	Pass
2020-11-15	16074.7	16158.1	15782	58430.0		15685.95	15953.0	Pass
2020-11-16	15954.1	16880.7	15870	118090.0		15799.74	16715.8	Pass
2020-11-19	17775.1	18166.0	17380	135940.0		16559.85	17803.5	Pass
2020-11-20	17805.5	18811.0	17758	134420.0	16897.010000000000	18675.2		Pass
2020-11-21	18673.8	18966.0	18397	108910.0		17196.15	18687.2	Pass

2020-11-23	18428.1	18756.8	18016	127350.0		17613.51	18379.6	Pass
2020-11-25	19151.5	19486.7	18527	146120.0		18198.67	18723.0	Pass
2020-11-26	18721.9	18894.9	16235	312070.0		18243.29	17162.0	Buy
2020-11-27	17160.9	17450.3	16481	138800.0		18189.77	17127.1	Pass
2020-11-30	18186.0	19831.2	18186	185590.0		18325.87	19698.1	Sell
2020-12-02	18767.9	19335.5	18346	91920.0	18414.810000000000	19218.8	Pass	
2020-12-04	19431.1	19529.5	18610	110630.0		18470.73	18658.1	Pass
2020-12-06	19146.0	19417.1	18873	54560.0	18734.870000000000	19379.9	Pass	
2020-12-07	19368.4	19424.6	18908	61980.0		18939.23	19170.7	Pass
2020-12-08	19170.8	19288.6	18229	101410.0		18998.82	18326.6	Buy
2020-12-09	18322.4	18637.9	17658	129720.0	19034.870000000000	18546.0	Pass	
2020-12-11	18250.5	18288.3	17600	111530.0		18815.07	18023.6	Pass
2020-12-17	21352.3	23738.0	21243	310740.0		19401.54	22825.4	Pass
2020-12-24	23253.2	23783.7	22737	104590.0		22760.54	23736.5	Pass
2020-12-27	26460.3	28360.3	25858	231230.0		24139.82	26261.3	Pass
2020-12-28	26259.2	27444.9	26144	126980.0		24532.81	27057.8	Pass
2020-12-29	27065.3	27390.7	25902	119570.0	24886.010000000000	27376.0	Pass	
2021-01-04	33016.6	33587.5	28204	255270.0		29150.23	32022.6	Pass
2021-01-13	34061.2	37764.6	32451	209930.0		36821.35	37382.2	Sell
2021-01-14	37383.4	40054.3	36772	172400.0	37536.660000000000	39175.7	Pass	
2021-01-20	35862.1	36384.4	33444	153610.0	36297.560000000000	35476.3	Pass	
2021-01-21	35472.3	35591.1	30101	253270.0	35827.340000000000	30842.1	Pass	
2021-01-22	30838.7	33821.2	28871	243090.0		35719.78	33000.5	Pass
2021-01-27	32499.6	32545.4	29290	194350.0		33142.36	30404.0	Pass
2021-01-28	30408.9	33790.8	29911	167390.0	32818.520000000000	33374.8	Sell	
2021-02-01	33106.8	34685.6	32324	126320.0		32807.21	33515.7	Pass
2021-02-02	33514.0	35976.1	33462	120850.0		33146.84	35485.2	Pass
2021-02-03	35486.9	37646.8	35401	131030.0		33687.39	37646.8	Pass
2021-02-04	37648.9	38707.9	36380	151440.0		34160.37	36982.1	Pass
2021-02-05	36976.4	38303.6	36640	100600.0		34739.92	38297.6	Pass
2021-02-06	38300.6	40939.7	38275	156020.0	35625.180000000000	39256.6	Pass	
2021-02-10	46507.8	47295.3	43800	151830.0	39777.720000000000	44836.0	Pass	

2021-02-11	44834.8	48622.1	44041	145770.0		41225.22	47990.7	Pass
2021-02-13	47373.1	48097.3	46270	89420.0		43366.06	47168.7	Pass
2021-02-16	47934.2	50515.8	47044	141370.0		46487.37	49169.7	Pass
2021-02-19	51590.1	56238.5	50816	139430.0		49268.45	55906.6	Pass
2021-02-20	55922.0	57523.8	54124	127850.0		50377.22	55923.7	Pass
2021-02-22	57437.6	57480.8	48353	244950.0	51995.540000000000	54111.8	Pass	
2021-02-23	54114.1	54115.0	45093	315070.0	52169.790000000000	48911.2	Buy	
2021-02-26	46928.5	48413.9	44248	189410.0	51892.010000000000	46345.6	Pass	
2021-03-05	48363.6	49429.4	46370	113640.0	47990.760000000000	48792.5	Pass	
2021-03-07	48899.0	51434.1	48890	82910.0		48311.95	50982.3	Pass
2021-03-10	54882.7	57328.7	53073	140960.0	50851.510000000000	55851.9	Pass	
2021-03-12	57806.2	58052.3	55134	116960.0		52556.0	57265.1	Pass
2021-03-14	61192.7	61673.7	59113	80290.0	54704.590000000000	59113.7	Pass	
2021-03-16	55619.5	56889.7	53342	128510.0	56207.880000000000	56889.7	Pass	
2021-03-17	56892.9	58933.2	54253	118260.0		57001.0	58913.5	Pass
2021-03-19	57645.0	59448.3	56305	83980.0		57856.4	58088.0	Pass
2021-03-20	58084.1	59882.1	57863	67830.0		58080.55	58093.4	Pass
2021-03-21	58097.4	58583.8	55583	77470.0	58038.980000000000	57383.8	Buy	
2021-03-22	57379.3	58379.9	53784	95530.0		57728.3	54158.3	Pass
2021-03-23	54117.5	55813.8	52992	84840.0		57054.02	54452.5	Pass
2021-03-24	54309.1	57169.4	51725	137910.0		56375.19	52325.4	Pass
2021-03-27	55033.8	56531.1	54010	73870.0	55437.870000000000	55862.9	Pass	
2021-03-28	55856.9	56504.2	54711	58710.0		55248.79	55765.2	Pass
2021-03-29	55764.7	58392.6	54951	107910.0		55201.61	57616.2	Sell
2021-03-30	57614.6	59366.9	57077	86210.0		55269.4	58771.3	Pass
2021-03-31	58771.4	59795.6	56991	98060.0		55407.39	58763.7	Pass
2021-04-02	58718.2	60134.9	58466	72370.0	56315.870000000000	58977.3	Pass	
2021-04-03	58976.8	59770.5	56906	68740.0	56789.320000000000	57059.9	Pass	
2021-04-06	59169.0	59487.0	57403	77150.0		58086.15	57996.3	Pass
2021-04-08	55948.0	58136.7	55721	64780.0	58150.620000000000	58077.4	Pass	
2021-04-11	59772.4	60667.1	59250	58200.0	58309.870000000000	59978.7	Pass	
2021-04-13	59863.6	63659.0	59839	126560.0	59046.620000000000	63540.9	Pass	

2021-04-14	63544.2	64778.0	61366	130430.0		59524.67	62980.4	Pass
2021-04-15	62978.6	63729.1	62067	76970.0	59946.930000000000	63216.0		Pass
2021-04-18	60043.2	60362.1	51817	216810.0		60507.56	56207.1	Pass
2021-04-20	55645.1	57054.9	53422	115490.0	59933.780000000000	56483.2		Pass
2021-04-21	56479.5	56764.4	53657	100260.0	59317.930000000000	53820.2		Pass
2021-04-23	51707.1	52099.9	47659	214460.0		57264.77	51143.6	Pass
2021-04-26	48963.5	54320.9	48815	129760.0		53814.46	54020.5	Pass
2021-04-27	54011.1	55427.8	53345	84080.0		53313.92	55036.5	Sell
2021-05-01	57719.1	58449.4	57029	63410.0	53491.220000000000	57807.1		Pass
2021-05-03	56605.8	58925.1	56562	89240.0		54581.27	57169.8	Pass
2021-05-07	56411.4	58639.3	55300	110010.0		56262.86	57337.2	Pass
2021-05-08	57330.3	59471.1	56972	101270.0		56662.73	58840.1	Pass
2021-05-13	49398.2	51337.3	46331	236710.0	55363.720000000000	49704.6		Pass
2021-05-14	49704.9	51459.2	48874	118840.0		54973.55	49839.8	Pass
2021-05-15	49839.1	50640.9	46650	131910.0		53900.3	46708.8	Pass
2021-05-17	46424.2	46545.4	42201	274760.0		51522.81	43541.3	Pass
2021-05-19	42898.3	43516.6	30261	607100.0		47776.75	36720.5	Pass
2021-05-20	36706.8	42425.9	35010	269750.0		46263.58	40717.2	Pass
2021-05-28	38543.2	38844.1	34772	199580.0		37732.1	35662.5	Pass
2021-05-30	34589.3	36388.6	33441	104180.0		37012.07	35652.8	Pass
2021-05-31	35644.0	37480.7	34213	131700.0	37012.190000000000	37298.6		Pass
2021-06-02	36687.7	38199.9	35981	96890.0	37223.730000000000	37555.8		Pass
2021-06-04	39191.4	39255.4	35659	127710.0		37114.7	36851.3	Pass
2021-06-05	36841.2	37887.6	34832	101480.0	36741.780000000000	35520.0		Buy
2021-06-06	35518.7	36434.0	35265	62200.0	36481.590000000000	35815.4		Pass
2021-06-07	35815.4	36754.6	33410	119500.0		36273.14	33578.0	Pass
2021-06-11	36654.3	37641.1	36003	109150.0		36318.69	37314.6	Pass
2021-06-12	37334.4	37437.3	34703	87730.0		36109.86	35467.5	Buy
2021-06-13	35467.5	39321.6	34827	123320.0		36093.42	39022.9	Sell
2021-06-15	40522.5	41318.0	39589	117550.0	36924.840000000000	40156.1		Pass
2021-06-16	40148.1	40494.4	38156	123520.0		37176.9	38336.0	Pass
2021-06-18	38045.5	38166.0	35198	102840.0		37860.95	35749.4	Buy

2021-06-21	35597.9	35708.4	31284	256870.0		37011.45	31692.0	Pass
2021-06-22	31682.7	33272.5	28901	309650.0		36714.34	32496.4	Pass
2021-06-23	32498.3	34784.3	31736	173340.0		36179.48	33674.3	Pass
2021-06-24	33678.1	35249.9	32356	119250.0		35593.12	34665.8	Pass
2021-06-25	34660.5	35490.9	31337	193430.0		34736.91	31594.0	Pass
2021-06-26	31592.1	32643.0	30206	156670.0		34127.65	32243.4	Pass
2021-06-28	34682.2	35231.2	33944	112000.0		33662.95	34475.9	Pass
2021-07-03	33814.2	34909.8	33363	55690.0		34061.9	34742.8	Pass
2021-07-04	34742.8	35957.6	34740	56130.0		34125.14	35298.2	Pass
2021-07-05	35297.0	35300.5	33164	88360.0	34334.520000000000	33687.8	Buy	
2021-07-06	33688.5	35062.0	33581	83630.0	34532.740000000000	34225.6	Pass	
2021-07-08	33859.4	33923.2	32146	108090.0		34290.71	32866.3	Pass
2021-07-10	33797.7	34221.0	33056	50940.0		33935.35	33510.6	Pass
2021-07-12	34228.3	34598.0	32662	63240.0		33933.72	33113.0	Pass
2021-07-13	33106.1	33307.7	32259	60040.0		33732.25	32728.1	Pass
2021-07-14	32727.8	33051.9	31611	69560.0		33484.5	32820.7	Pass
2021-07-16	31842.3	32239.8	31062	70480.0		33016.61	31394.0	Pass
2021-07-18	31517.9	32408.2	31220	57010.0	32673.600000000000	31785.4	Pass	
2021-07-20	30835.4	31040.8	29310	97460.0	32005.900000000000	29793.8	Pass	
2021-07-21	29794.7	32794.6	29519	118340.0		31796.27	32131.4	Sell
2021-07-22	32131.7	32585.4	31729	64870.00	31714.860000000000	32298.9	Pass	
2021-07-24	33600.5	33955.0	33412	67140.0		31902.79	33824.8	Pass
2021-07-25	34392.5	35391.1	33881	65100.00		32257.85	35391.1	Pass
2021-07-29	40009.0	40630.7	39340	75300.0		35377.65	40001.4	Pass
2021-07-30	40001.1	42264.4	38358	98450.0		36618.61	42203.4	Pass
2021-07-31	42201.4	42285.3	41066	44650.0	37560.840000000000	41553.7	Pass	
2021-08-03	39167.4	39766.6	37688	260.0	39305.840000000000	38130.3	Buy	
2021-08-04	38188.4	39956.5	37556	79220.0		39740.42	39736.9	Pass
2021-08-06	40868.4	43253.4	39905	111930.0		40433.82	42795.4	Pass
2021-08-07	42784.7	44697.3	42611	112840.0		40894.92	44614.2	Pass
2021-08-08	44584.9	45284.1	43314	105250.0	41274.060000000000	43792.8	Pass	
2021-08-10	46281.8	46663.4	44681	80550.0	42086.160000000000	45593.8	Pass	

2021-08-11	45593.2	46736.5	45367	75430.0	42654.760000000000	45564.3	Pass
2021-08-17	45907.5	47140.6	44441	84140.0	45820.840000000000	44691.6	Buy
2021-08-18	44691.1	46004.9	44230	22360.0		45913.94	44723.8 Pass
2021-08-19	44725.9	47012.3	43986	77920.0		45961.1	46755.9 Sell
2021-08-21	49330.0	49719.1	48293	18200.0	46665.270000000000	48875.8	Pass
2021-08-23	49255.4	50498.8	49038	75370.0		47323.44	49539.7 Pass
2021-08-24	49532.5	49847.4	47623	74260.0		47386.76	47714.7 Pass
2021-08-25	47707.4	49230.2	47163	63540.0		47587.08	48994.5 Pass
2021-08-26	48994.4	49347.8	46360	73790.0		47670.61	46831.6 Buy
2021-08-28	49062.8	49289.4	48428	36730.0		48525.21	48897.1 Pass
2021-08-31	46989.1	48217.0	46709	71480.0		48319.69	47130.4 Pass
2021-09-02	48817.8	50355.3	48612	80210.0		48249.64	49274.3 Pass
2021-09-06	51769.4	52726.2	51002	69460.0	49424.940000000000	52672.1	Pass
2021-09-07	52674.2	52885.3	43072	187560.0		49213.19	46779.6 Buy
2021-09-09	46057.6	47305.7	45609	73630.0	48880.880000000000	46385.6	Pass
2021-09-11	44844.9	45975.6	44766	41580.0	48286.370000000000	45161.9	Pass
2021-09-12	45162.6	46386.4	44755	44520.0		47965.17	46062.3 Pass
2021-09-13	46060.8	46807.7	43463	96150.0		47460.22	44949.5 Pass
2021-09-14	44950.2	47247.6	44718	65330.0	47176.130000000000	47077.5	Pass
2021-09-15	47070.8	48436.5	46743	63400.0		46812.33	48130.6 Sell
2021-09-16	48132.3	48480.6	47040	60910.0		46319.92	47748.0 Pass
2021-09-17	47748.2	48155.9	46788	50160.0		46370.24	47282.8 Pass
2021-09-18	47283.9	48761.0	47070	43640.0	46594.770000000000	48306.7	Pass
2021-09-19	48299.9	48341.9	46866	41980.0		46680.08	47238.7 Pass
2021-09-20	47240.8	47323.9	42547	77960.0		46482.86	42870.6 Buy
2021-09-24	44867.4	45112.0	40908	128880.0	45346.940000000000	42819.9	Pass
2021-09-25	42818.7	42959.3	41714	46350.0		44802.56	42686.8 Pass
2021-09-28	42169.9	42758.8	40906	60010.0		43108.64	41022.3 Pass
2021-10-03	47665.4	49165.2	47123	42410.0		44127.81	48200.1 Pass
2021-10-04	48200.4	49481.7	46958	66920.0		44768.55	49227.3 Pass
2021-10-05	49229.5	51872.4	49060	76630.0		45646.8	51469.3 Pass
2021-10-06	51470.0	55676.1	50439	116260.0	46858.780000000000	55323.2	Pass

2021-10-08	53785.5	55977.9	53659	64050.0		49309.15	53914.7	Pass
2021-10-09	53924.1	55430.8	53711	64650.00		50649.72	54942.5	Pass
2021-10-10	54942.5	56432.2	54100	104430.0		51736.16	54687.7	Pass
2021-10-12	57480.6	57635.7	54155	74850.0		53504.19	56015.9	Pass
2021-10-14	57370.4	58506.5	56866	59840.0		55234.04	57345.8	Pass
2021-10-15	57348.2	62892.8	56874	121480.0		56254.36	61672.5	Pass
2021-10-16	61669.2	62329.2	60161	49930.0		56808.15	60861.1	Pass
2021-10-17	60865.5	61651.4	59143	53390.0	57582.510000000000	61527.5	Pass	
2021-10-19	62030.2	64454.0	61451	80160.0		59330.27	64278.5	Pass
2021-10-20	64276.9	66967.1	63543	79870.0	60459.410000000000	65979.1	Pass	
2021-10-22	62200.8	63699.7	60055	75690.0		61400.14	60690.3	Buy
2021-10-23	60693.2	61728.7	59738	37050.0	61793.380000000000	61312.5	Pass	
2021-10-26	63067.5	63275.1	59907	57130.0	62229.870000000000	60310.8	Buy	
2021-10-31	61842.2	62393.7	60005	50060.0		61066.02	61309.6	Pass
2021-11-02	60912.2	64256.4	60651	65260.00	61279.440000000000	63221.7	Pass	
2021-11-04	62915.4	63077.6	60742	49910.0		61319.2	61412.6	Pass
2021-11-06	60973.2	61543.2	60093	34890.0	61690.130000000000	61483.9	Pass	
2021-11-07	61483.8	63273.2	61347	34340.0		61959.2	63273.2	Pass
2021-11-11	64922.8	65583.3	64121	50370.0		63745.58	64806.7	Pass
2021-11-14	64397.2	65508.2	63608	33980.0	64394.430000000000	65508.2	Pass	
2021-11-15	65514.9	66311.2	63439	53530.0		64656.79	63597.9	Buy
2021-11-16	63605.1	63605.6	58655	115360.0		64517.31	60089.1	Pass
2021-11-19	56908.3	58335.9	55626	74440.0	62287.410000000000	58083.4	Pass	
2021-11-21	59724.0	60002.6	58528	40980.0		61156.67	58714.3	Pass
2021-11-22	58719.7	59288.3	55656	76450.0		60374.1	56308.8	Pass
2021-11-24	57559.4	57697.4	55910	56680.0	58857.910000000000	57171.7	Pass	
2021-11-25	57167.1	59387.3	57029	56790.0	58391.630000000000	58935.1	Pass	
2021-12-01	56891.7	59064.3	56496	66750.0	56766.510000000000	57210.3	Pass	
2021-12-03	56495.2	57543.6	52008	89200.0		56391.06	53631.5	Buy
2021-12-05	49196.4	49689.3	47797	72030.0		54640.45	49405.5	Pass
2021-12-08	50596.6	51204.7	48700	55590.0	53224.740000000000	50473.9	Pass	
2021-12-10	47591.7	49974.8	47007	68060.0		51230.35	47137.2	Pass

2021-12-11	47138.4	49487.0	46834	45230.0		50440.77	49314.5	Pass
2021-12-12	49332.5	50779.2	48670	40300.0		49799.27	50081.0	Pass
2021-12-13	50075.9	50196.1	45848	80370.0	49106.480000000000	46703.6		Pass
2021-12-18	46171.8	47330.2	45513	36930.0		47872.75	46856.2	Pass
2021-12-21	46900.1	49306.1	46654	57880.0	47718.090000000000	48902.0	Sell	
2021-12-23	48599.6	51355.6	48053	56240.0		47979.7	50801.0	Pass
2021-12-24	50807.4	51795.3	50428	45970.0		48221.66	50786.1	Pass
2021-12-30	46470.7	47901.4	46003	60960.0	49208.350000000000	47123.3		Pass
2021-12-31	47123.3	48553.9	45693	58180.0		48940.1	46219.5	Pass
2022-01-02	47738.7	47944.9	46718	27020.0		48505.01	47311.8	Pass
2022-01-07	43097.9	43127.7	40810	88360.0		45519.19	41546.7	Pass
2022-01-08	41551.3	42304.4	40574	52540.0		45040.22	41672.0	Pass
2022-01-10	41848.9	42243.8	39697	85500.0	44073.990000000000	41832.2		Pass
2022-01-13	43900.0	44404.7	42337	53420.0		42845.41	42560.0	Pass
2022-01-14	42562.2	43435.1	41848	50500.0	42569.010000000000	43073.3		Pass
2022-01-16	43079.2	43462.0	42643	28660.0		42534.28	43079.1	Pass
2022-01-18	42209.9	42674.2	41300	47320.0		42669.8	42364.6	Pass
2022-01-20	41683.6	43487.1	40568	65280.0		42541.12	40715.9	Pass
2022-01-22	36467.7	36749.8	34116	138090.0	41032.770000000000	35075.2		Pass
2022-01-23	35072.9	36513.0	34655	70430.0		40403.72	36269.5	Pass
2022-01-25	36691.3	37501.8	35729	79680.0		39150.38	36950.6	Pass
2022-01-26	36962.3	38862.6	36280	107870.0		38522.51	36800.4	Pass
2022-01-30	38167.5	38313.3	37390	34100.0		36925.54	37917.7	Pass
2022-01-31	37923.8	38701.4	36672	61270.0		37127.85	38498.6	Pass
2022-02-01	38475.6	39230.0	38037	55200.0		37491.3	38709.7	Pass
2022-02-02	38711.2	38853.8	36682	53740.0	37553.370000000000	36890.2	Buy	
2022-02-03	36890.2	37304.3	36297	50350.0	37613.520000000000	37287.8		Pass
2022-02-04	37287.8	41689.0	37041	95490.0		38075.22	41567.6	Sell
2022-02-07	42385.2	44468.3	41695	76600.0		39668.06	43833.9	Pass
2022-02-08	43833.9	45399.8	42705	92880.0		40254.8	44038.2	Pass
2022-02-09	44038.2	44800.4	43163	50920.0		40901.92	44388.9	Pass
2022-02-10	44388.9	45755.2	43242	89690.0	41404.160000000000	43521.0		Pass

2022-02-11	43519.3	43915.1	42023	69950.0		41772.03	42388.4	Pass
2022-02-12	42388.4	43006.4	41776	37880.0	42303.530000000000	42205.2	Pass	
2022-02-13	42205.5	42725.1	41880	25880.0		42780.86	42061.1	Buy
2022-02-15	42550.3	44722.6	42460	56340.0		43192.36	44544.4	Sell
2022-02-16	44540.9	44552.9	43377	41400.0		43341.5	43883.6	Pass
2022-02-20	40089.6	40120.3	38042	47920.0		41663.12	38355.0	Pass
2022-02-22	37018.3	38414.9	36399	82750.0		40730.35	38248.2	Pass
2022-02-24	37250.2	39351.6	34357	180470.0	39825.590000000000	38339.2	Pass	
2022-02-26	39221.6	40094.5	38639	41550.0		38815.3	39115.5	Pass
2022-02-28	37707.2	43977.8	37458	108070.0		38847.74	43188.2	Sell
2022-03-04	42463.0	42848.7	38594	3210.0		40470.5	39142.7	Buy
2022-03-05	39142.8	39600.2	38626	1500.0		40687.62	39395.8	Pass
2022-03-06	39396.3	39668.1	38115	1930.0	40694.010000000000	38403.1	Pass	
2022-03-10	41933.9	42029.1	38603	3620.0		40585.26	39416.3	Buy
2022-03-13	38813.2	39272.3	37603	1550.0		39039.34	37792.4	Pass
2022-03-14	37789.5	39914.3	37613	2330.0	39092.180000000000	39671.1	Sell	
2022-03-15	39673.0	39854.7	38220	2250.0		39081.17	39285.7	Pass
2022-03-16	39282.5	41701.6	38953	4470.0	39352.730000000000	41118.7	Pass	
2022-03-17	41118.7	41406.0	40557	1900.0		39641.73	40914.8	Pass
2022-03-18	40914.6	42308.4	40234	2310.0		39944.03	41767.8	Pass
2022-03-19	41768.0	42386.0	41529	224590.0	39974.430000000000	42233.0	Pass	
2022-03-20	42241.0	42301.0	40922	308450.0		40160.4	41276.0	Pass
2022-03-23	42373.0	43027.0	41795	433960.0		41257.41	42912.0	Pass
2022-03-24	42911.0	44251.0	42658	491660.0		41691.6	44013.0	Pass
2022-03-27	44542.0	46947.0	44445	388790.0		43133.48	46859.0	Pass
2022-03-28	46859.0	48199.0	46672	610270.0		43667.2	47105.0	Pass
2022-03-29	47126.0	48127.0	47029	478820.0		44188.8	47449.0	Pass
2022-03-30	47449.0	47714.0	46601	467760.0		44768.7	47075.0	Pass
2022-04-04	46407.0	46899.0	45152	446120.0		46370.5	46629.0	Pass
2022-04-05	46614.0	47201.0	45388	421110.0		46466.3	45506.0	Buy
2022-04-07	43166.0	43893.0	42747	390850.0		45732.0	43448.0	Pass
2022-04-09	42275.0	42809.0	42129	165160.0		44783.8	42767.0	Pass

2022-04-10	42760.0	43421.0	41884	255830.0		44445.1	42138.0	Pass
2022-04-12	39507.0	40678.0	39265	468270.0		43191.8	40078.0	Pass
2022-04-15	39936.0	40850.0	39781	233090.0		41500.5	40560.0	Pass
2022-04-16	40571.0	40691.0	40003	151310.0		41221.4	40382.0	Pass
2022-04-17	40382.0	40599.0	39561	210010.0		40846.9	39703.0	Pass
2022-04-18	39700.0	41095.0	38577	484260.0		40699.7	40803.0	Pass
2022-04-19	40809.0	41746.0	40585	268280.0		40573.3	41503.0	Sell
2022-04-21	41370.0	42969.0	39793	493050.0		40594.8	40482.0	Pass
2022-04-23	39709.0	39973.0	39291	190600.0		40386.4	39418.0	Pass
2022-04-26	40443.0	40770.0	37708	681470.0		40099.0	38113.0	Pass
2022-04-30	38590.0	38776.0	37596	248220.0		39283.5	37650.0	Pass
2022-05-02	38472.0	39134.0	38061	580790.0		38961.9	38514.0	Pass
2022-05-03	38515.0	38647.0	37513	367210.0		38791.9	37718.0	Pass
2022-05-04	37717.0	40021.0	37660	691490.0		38814.3	39688.0	Sell
2022-05-09	34041.0	34227.0	30095	268090.0		36420.7	30095.0	Pass
2022-05-10	30098.2	32621.2	29831	235610.0		35756.45	31007.5	Pass
2022-05-13	28994.3	31002.7	28755	141230.0	33020.010000000000	29284.4	Pass	
2022-05-15	30078.6	31383.8	29499	65440.0		31535.72	31308.7	Pass
2022-05-16	31308.3	31312.4	29135	100250.0		30919.72	29849.0	Pass
2022-05-19	28700.4	30525.1	28682	101380.0	29900.130000000000	30305.9	Sell	
2022-05-20	30305.9	30735.1	28738	98780.0	29717.240000000000	29178.6	Buy	
2022-05-22	29433.0	30462.0	29260	50600.0	29884.940000000000	30286.6	Sell	
2022-05-23	30287.3	30644.8	28913	92100.0	29865.830000000000	29093.3	Buy	
2022-05-27	29194.0	29377.1	28282	116410.0	29397.670000000000	28601.2	Pass	
2022-05-28	28620.1	29194.4	28537	43870.0	29432.010000000000	29027.1	Pass	
2022-05-29	29027.1	29556.5	28838	36870.0	29347.940000000000	29465.2	Pass	
2022-05-30	29465.2	32185.6	29307	129560.0	29602.410000000000	31723.3	Sell	
2022-06-02	29798.6	30638.5	29604	81400.0		29925.7	30455.5	Pass
2022-06-03	30455.7	30674.8	29330	72130.0	29930.920000000000	29700.9	Pass	
2022-06-04	29700.9	29963.8	29489	33510.0	29963.290000000000	29864.3	Pass	
2022-06-07	31370.3	31556.6	29235	140320.0		30521.05	31128.8	Pass
2022-06-08	31127.2	31312.1	29874	87960.0	30594.690000000000	30201.6	Buy	

2022-06-09	30202.1	30691.4	29953	61720.0	30432.140000000000	30097.8	Pass
2022-06-10	30097.4	30325.6	28884	104260.0	30161.130000000000	29083.3	Pass
2022-06-11	29083.3	29426.6	28161	82920.0	30021.620000000000	28403.4	Pass
2022-06-13	26606.3	26857.6	22006	379260.0	28911.410000000000	22448.0	Pass
2022-06-18	20446.4	20744.7	17630	267250.0	24119.170000000000	18986.5	Pass
2022-06-19	18983.4	20763.5	17983	169390.0	23167.110000000000	20577.2	Pass
2022-06-23	19967.3	21189.8	19907	110700.0		20748.93	21100.7 Sell
2022-06-25	21226.9	21553.4	20917	66630.0	20547.090000000000	21489.9	Pass
2022-06-29	20278.0	20415.8	19880	98970.0		20723.9	20111.3 Pass
2022-07-01	19926.6	20785.6	18980	150180.0	20513.580000000000	19262.9	Pass
2022-07-03	19243.4	19626.4	18794	65270.00	20262.240000000000	19309.9	Pass
2022-07-04	19310.6	20303.8	19052	92790.0		20161.13	20215.8 Pass
2022-07-05	20215.8	20706.9	19315	122430.0		20032.2	20200.6 Pass
2022-07-07	20557.9	21817.8	20282	115810.0		20074.72	21637.8 Pass
2022-07-08	21637.1	22482.1	21207	439900.0		20208.04	21611.2 Pass
2022-07-09	21610.4	21944.1	21338	190110.0	20355.660000000000	21587.5	Pass
2022-07-13	19331.6	20250.8	18942	249380.0		20620.55	20250.0 Pass
2022-07-15	20586.1	21178.1	20393	164670.0	20720.020000000000	20825.1	Pass
2022-07-16	20825.2	21561.3	20484	136890.0		20784.9	21209.9 Sell
2022-07-17	21209.8	21654.4	20755	132810.0		20699.68	20785.6 Pass
2022-07-19	22529.3	23757.3	21581	308910.0		20973.41	23410.2 Pass
2022-07-20	23412.0	24258.0	22944	281310.0	21210.190000000000	23215.2	Pass
2022-07-22	23150.0	23741.4	22524	197540.0		21863.6	22675.2 Pass
2022-07-23	22683.6	22991.0	21971	137420.0	22084.640000000000	22460.4	Pass
2022-07-25	22582.3	22653.3	21275	206930.0		22331.93	21301.9 Buy
2022-07-26	21301.6	21322.3	20737	201570.0		22335.81	21248.7 Pass
2022-07-30	23774.2	24605.3	23521	168720.0		22763.81	23634.2 Pass
2022-07-31	23634.2	24179.3	23236	138840.0		22778.85	23303.4 Pass
2022-08-04	22822.2	23214.5	22438	181190.0	23046.160000000000	22612.1	Buy
2022-08-06	23308.2	23344.4	22923	94440.0		23250.7	22944.2 Pass
2022-08-07	22944.2	23387.7	22852	99360.0		23183.23	23175.3 Pass
2022-08-09	23818.1	23912.0	22886	169620.0		23138.68	23146.7 Pass

2022-08-11	23963.3	24873.5	23864	285360.0		23271.04	23935.3	Pass
2022-08-12	23935.3	24440.8	23616	194960.0		23412.05	24398.7	Pass
2022-08-13	24398.9	24882.9	24318	170590.0	23574.220000000000	24442.5	Pass	
2022-08-14	24442.1	24997.3	24172	177250.0		23743.29	24302.8	Pass
2022-08-15	24303.3	25205.7	23784	279280.0		23822.64	24101.7	Pass
2022-08-17	23855.8	24423.5	23191	239530.0	23930.170000000000	23338.0	Buy	
2022-08-18	23337.7	23578.0	23131	160970.0		23868.9	23203.6	Pass
2022-08-19	23201.6	23202.3	20807	339470.0		23637.36	20831.3	Pass
2022-08-20	20830.7	21357.4	20784	206940.0		23354.96	21138.9	Pass
2022-08-23	21416.5	21661.0	20919	228650.0		22522.38	21517.2	Pass
2022-08-25	21365.4	21801.2	21324	190150.0		21974.99	21565.4	Pass
2022-08-26	21564.2	21815.3	20122	322160.0		21614.3	20249.9	Pass
2022-08-28	20034.2	20150.8	19542	159600.0	20918.550000000000	19550.2	Pass	
2022-09-09	19318.8	21545.7	19294	480370.0	19849.760000000000	21365.2	Sell	
2022-09-12	21836.6	22465.4	21581	431980.0	20425.550000000000	22395.3	Pass	
2022-09-16	19701.9	19883.0	19352	315590.0		20574.68	19802.4	Pass
2022-09-17	19802.8	20178.6	19761	204580.0	20657.880000000000	20113.5	Pass	
2022-09-19	19417.4	19666.6	18277	423430.0		20485.39	19538.9	Pass
2022-09-20	19538.9	19626.3	18742	361180.0		20207.59	18872.4	Pass
2022-09-23	19404.1	19477.3	18554	431150.0		19485.67	19293.5	Pass
2022-09-24	19288.4	19310.6	18812	258500.0		19355.94	18925.2	Pass
2022-09-25	18925.1	19125.1	18659	209710.0	19266.090000000000	18803.2	Pass	
2022-09-26	18803.1	19304.8	18695	516030.0		19208.42	19225.7	Pass
2022-09-29	19420.2	19631.5	18877	449570.0		19109.8	19593.0	Pass
2022-10-01	19422.9	19480.3	19172	173910.0		19247.15	19311.9	Pass
2022-10-04	19629.7	20436.1	19506	368170.0		19386.95	20340.2	Pass
2022-10-05	20340.5	20353.8	19761	352760.0	19522.380000000000	20157.5	Pass	
2022-10-07	19962.4	20051.4	19352	263500.0	19640.510000000000	19531.3	Pass	
2022-10-08	19530.2	19612.2	19274	113500.0		19640.91	19415.0	Buy
2022-10-09	19416.3	19552.1	19329	127530.0		19625.71	19441.0	Pass
2022-10-10	19441.7	19520.7	19057	243770.0	19596.870000000000	19134.6	Pass	
2022-10-11	19134.3	19261.3	18868	288570.0		19571.59	19059.1	Pass

2022-10-12	19058.5	19212.6	19010	242180.0		19581.85	19154.8	Pass
2022-10-15	19181.7	19218.7	19000	123660.0		19332.28	19068.7	Pass
2022-10-16	19068.8	19411.9	19066	140950.0		19262.8	19261.9	Pass
2022-10-17	19262.2	19663.5	19163	248400.0	19264.490000000000	19548.2	Sell	
2022-10-18	19548.4	19692.9	19102	290070.0		19255.81	19328.2	Pass
2022-10-26	20086.8	20981.5	20062	427990.0		19516.55	20769.5	Pass
2022-10-27	20769.5	20867.9	20231	365490.0		19591.02	20292.9	Pass
2022-10-29	20594.2	21038.1	20561	276540.0	19886.230000000000	20809.8	Pass	
2022-10-31	20626.0	20822.4	20260	327470.0		20177.94	20496.3	Pass
2022-11-01	20496.1	20676.6	20348	302720.0	20305.810000000000	20483.5	Pass	
2022-11-02	20482.9	20778.3	20065	420230.0		20364.13	20154.4	Buy
2022-11-05	21145.7	21464.7	21084	261230.0		20611.15	21301.6	Pass
2022-11-08	20589.0	20667.5	17260	865100.0		20444.71	18527.4	Buy
2022-11-10	15887.0	18138.2	15799	720740.0		19680.05	17589.1	Pass
2022-11-15	16615.0	17112.0	16543	337150.0		17718.71	16895.1	Pass
2022-11-19	16652.2	16814.9	16608	114890.0		16783.67	16699.2	Pass
2022-11-21	16278.6	16287.9	15504	372150.0		16526.06	15776.2	Pass
2022-11-22	15776.6	16274.6	15620	287210.0		16467.83	16212.9	Pass
2022-11-23	16216.9	16677.6	16162	305080.0		16497.77	16623.9	Pass
2022-11-24	16604.9	16785.6	16472	229590.0		16496.52	16601.2	Pass
2022-11-26	16512.3	16686.3	16387	194940.0		16449.84	16456.5	Pass
2022-12-03	17093.4	17132.6	16862	169290.0	16676.170000000000	16884.5	Pass	
2022-12-05	17106.9	17395.2	16886	268720.0		16772.73	16966.5	Pass
2022-12-06	16966.3	17101.1	16914	246190.0	16836.010000000000	17089.3	Pass	
2022-12-08	16835.2	17294.2	16765	261640.0	16978.370000000000	17225.7	Pass	
2022-12-09	17225.6	17288.6	17082	260840.0		17046.9	17125.7	Pass
2022-12-10	17125.7	17220.5	17105	148810.0		17043.23	17127.2	Pass
2022-12-11	17127.0	17262.9	17080	167200.0		17055.36	17093.3	Pass
2022-12-12	17093.2	17232.5	16878	249390.0		17067.04	17210.4	Pass
2022-12-13	17210.9	17951.6	17094	328710.0		17156.45	17778.6	Pass
2022-12-17	16629.0	16794.4	16587	164490.0	17212.010000000000	16777.1	Pass	
2022-12-19	16741.1	16809.5	16331	207930.0	17095.110000000000	16441.3	Pass	

2022-12-20	16441.3	17031.3	16400	284570.0	17072.670000000000	16902.8	Pass	
2022-12-23	16820.5	16910.7	16768	184120.0	16907.590000000000	16779.1	Pass	
2022-12-27	16918.2	16964.0	16610	192180.0	16780.990000000000	16706.1	Pass	
2022-12-28	16705.9	16781.1	16474	217960.0		16761.5	16546.2	Pass
2022-12-29	16546.2	16659.1	16496	181470.0	16781.010000000000	16636.4	Pass	
2022-12-31	16607.2	16635.9	16487	130440.0	16722.010000000000	16537.4	Pass	
2023-01-08	16943.6	17119.0	16913	144840.0		16780.69	17119.0	Pass
2023-01-10	17180.1	17491.0	17151	247140.0		16928.15	17439.1	Pass
2023-01-11	17440.5	17989.8	17323	291530.0		17060.54	17942.3	Pass
2023-01-12	17941.0	19055.3	17915	522010.0	17278.240000000000	18851.3	Pass	
2023-01-13	18850.8	19981.6	18723	426670.0	17603.520000000000	19927.0	Pass	
2023-01-17	21184.4	21506.4	20926	310040.0		19261.81	21137.1	Pass
2023-01-22	22775.7	23068.7	22323	280640.0		21399.88	22707.8	Pass
2023-01-25	22632.5	23779.0	22366	388180.0	22083.690000000000	23055.1	Pass	
2023-01-26	23055.2	23259.5	22869	320970.0	22266.870000000000	23016.0	Pass	
2023-01-27	23016.0	23480.3	22602	310360.0		22460.62	23074.6	Pass
2023-01-28	23074.6	23182.3	22889	156960.0		22696.35	23027.9	Pass
2023-01-29	23023.5	23952.9	22973	320860.0		22963.54	23753.1	Pass
2023-01-31	22832.2	23262.9	22724	289380.0	23013.980000000000	23125.1	Pass	
2023-02-01	23124.7	23784.5	22809	333180.0		23115.76	23725.6	Pass
2023-02-03	23429.1	23694.1	23233	349360.0		23246.84	23431.2	Pass
2023-02-04	23431.2	23571.8	23269	170270.0		23273.71	23323.8	Pass
2023-02-08	23251.7	23425.1	22691	289120.0		23177.96	22964.6	Pass
2023-02-14	21776.9	22308.6	21556	378390.0		22295.93	22198.5	Pass
2023-02-16	24328.1	25233.8	23525	484500.0		22512.9	23539.6	Pass
2023-02-19	24631.3	25175.2	24273	312640.0		23062.8	24302.9	Pass
2023-02-20	24302.8	25085.4	23868	363020.0		23383.25	24839.5	Pass
2023-02-21	24839.5	25236.8	24160	395970.0	23642.340000000000	24450.7	Pass	
2023-02-22	24450.7	24474.3	23593	400240.0		23882.32	24186.6	Pass
2023-02-24	23936.4	24123.4	22970	367990.0		24197.99	23191.5	Buy
2023-02-28	23494.0	23595.0	23033	275100.0		23825.69	23130.5	Pass
2023-03-01	23130.6	23914.1	23025	328770.0		23759.62	23642.2	Pass

2023-03-03	23465.6	23473.4	22051	344630.0		23412.58	22354.4	Pass
2023-03-06	22428.2	22595.4	22320	215310.0		22999.68	22410.0	Pass
2023-03-07	22410.1	22535.1	21968	304750.0		22902.85	22197.8	Pass
2023-03-08	22197.8	22274.3	21661	316510.0		22718.06	21710.8	Pass
2023-03-09	21710.8	21826.5	20079	468760.0	22404.830000000000	20361.8		Pass
2023-03-11	20156.5	20669.5	19796	453460.0	21789.980000000000	20467.5		Pass
2023-03-19	26914.5	28347.3	26844	393270.0	24298.490000000000	27958.7		Pass
2023-03-20	27958.9	28457.8	27157	503900.0		25054.87	27720.5	Pass
2023-03-21	27719.8	28437.8	27350	438780.0	25819.520000000000	28114.0		Pass
2023-03-22	28114.2	28760.3	26668	262030.0		26346.21	27261.7	Pass
2023-03-23	27262.8	28734.1	27144	158460.0	26765.840000000000	28310.7		Pass
2023-03-24	28306.9	28374.5	27026	110360.0	27042.090000000000	27462.2		Pass
2023-03-27	27974.8	28023.3	26611	107240.0	27632.120000000000	27129.8		Buy
2023-03-29	27262.9	28627.4	27249	109320.0	27706.060000000000	28350.4		Sell
2023-03-30	28350.3	29160.4	27716	122510.0	27736.960000000000	28029.5		Pass
2023-03-31	28029.3	28646.3	27587	98440.0		27772.93	28473.7	Pass
2023-04-02	28456.1	28522.8	27871	45040.0	27881.130000000000	28198.3		Pass
2023-04-03	28194.7	28458.4	27256	98000.0	27915.120000000000	27802.1		Pass
2023-04-07	28037.6	28102.5	27779	30940.0		28159.51	27910.4	Pass
2023-04-09	27941.2	28522.7	27809	39350.0		28148.3	28326.6	Pass
2023-04-10	28326.5	29755.4	28182	85730.0		28265.03	29641.0	Pass
2023-04-11	29641.0	30484.6	29597	89380.0	28440.380000000000	30209.6		Pass
2023-04-13	29892.4	30524.1	29864	65870.0		28867.72	30387.4	Pass
2023-04-16	30299.2	30545.3	30134	34480.0		29538.5	30310.3	Pass
2023-04-17	30310.8	30312.2	29274	71900.0		29690.95	29434.9	Pass
2023-04-18	29434.1	30470.1	29149	76580.0		29935.05	30382.2	Pass
2023-04-21	28240.5	28353.4	27171	98720.0		29549.23	27264.8	Pass
2023-04-22	27264.8	27872.0	27165	44300.0		29341.98	27813.9	Pass
2023-04-25	27510.1	28375.6	27201	65310.0		28565.98	28298.8	Pass
2023-04-28	29475.9	29587.2	28927	69880.0		28275.47	29321.8	Pass
2023-04-29	29318.4	29425.5	29058	25720.0		28317.51	29234.1	Pass
2023-04-30	29235.1	29941.3	29095	47620.0	28418.670000000000	29252.1		Pass

2023-05-01	29252.1	29329.6	27685	84360.0		28499.95	28077.6	Buy
2023-05-03	28669.1	29244.7	28164	81220.0	28728.690000000000	29023.6	Sell	
2023-05-06	29512.8	29816.4	28414	58940.0	29026.660000000000	28857.1	Pass	
2023-05-07	28857.1	29122.0	28419	36500.0		28921.55	28424.8	Buy
2023-05-09	27670.5	27816.0	27366	49750.0		28596.5	27634.9	Pass
2023-05-10	27634.3	28311.7	26885	91450.0	28431.620000000000	27603.3	Pass	
2023-05-12	26983.1	27044.0	25853	87490.0		28135.22	26799.2	Pass
2023-05-13	26798.7	27011.9	26695	27950.0	27910.610000000000	26777.5	Pass	
2023-05-15	26920.4	27651.7	26752	53270.0		27485.47	27183.9	Pass
2023-05-16	27183.9	27295.3	26881	45290.0		27303.29	27035.3	Pass
2023-05-17	27035.5	27465.3	26597	58140.0	27201.120000000000	27403.1	Pass	
2023-05-18	27403.8	27467.0	26449	63390.0	27116.870000000000	26828.0	Pass	
2023-05-19	26828.2	27154.7	26711	36670.0	27041.670000000000	26882.9	Pass	
2023-05-20	26883.0	27147.2	26831	17720.0		26992.96	27116.2	Pass
2023-05-21	27116.2	27257.1	26677	27420.0		26969.6	26749.9	Pass
2023-05-22	26749.9	27048.9	26546	35560.0	26974.410000000000	26847.3	Pass	
2023-05-27	26711.2	26882.9	26591	18680.0		26801.82	26857.5	Pass
2023-05-28	26855.3	28181.9	26788	55230.0	26926.140000000000	28071.2	Sell	
2023-05-31	27696.9	27825.0	26865	63080.0	27116.610000000000	27216.1	Pass	
2023-06-02	26819.0	27299.4	26541	49370.0		27116.18	27244.7	Pass
2023-06-04	27070.9	27410.2	26956	23810.0	27255.190000000000	27122.3	Pass	
2023-06-08	26341.8	26784.4	26231	39950.0		26899.35	26501.1	Pass
2023-06-11	25843.3	26190.1	25660	39200.0	26551.190000000000	25928.4	Pass	
2023-06-12	25927.9	26080.7	25635	40750.0		26417.4	25906.8	Pass
2023-06-13	25906.9	26428.9	25726	56240.0	26303.140000000000	25929.4	Pass	
2023-06-14	25929.0	26051.7	24847	60820.0		26103.86	25129.5	Pass
2023-06-16	25591.9	26472.8	25276	69240.0		25999.36	26341.3	Sell
2023-06-17	26341.3	26767.3	26183	35860.0		26016.61	26515.0	Pass
2023-06-23	29890.2	31395.4	29822	98850.0		27563.72	30679.4	Pass
2023-06-25	30533.6	31040.2	30315	37120.0		28591.53	30465.3	Pass
2023-06-27	30267.0	30993.7	30231	55820.0		29401.51	30689.1	Pass
2023-06-29	30077.3	30823.1	30051	49570.0	30135.380000000000	30445.7	Pass	

2023-06-30	30445.7	31275.5	29714	118650.0		30351.9	30472.9	Pass
2023-07-01	30472.9	30649.9	30329	22460.0	30410.890000000000	30586.8		Pass
2023-07-02	30587.1	30769.0	30227	28820.0	30483.610000000000	30617.7		Pass
2023-07-05	30768.6	30875.6	30233	43230.0		30559.03	30512.8	Pass
2023-07-07	29912.7	30442.0	29757	46420.0	30489.370000000000	30346.4		Pass
2023-07-10	30166.9	31019.6	29969	55240.0		30476.75	30415.3	Pass
2023-07-12	30623.3	30951.3	30231	54060.0	30457.360000000000	30387.3		Pass
2023-07-14	31465.4	31602.6	29944	82420.0	30443.740000000000	30317.4		Pass
2023-07-16	30291.8	30435.0	30075	20310.0	30453.840000000000	30235.5		Pass
2023-07-17	30235.5	30335.9	29693	42840.0	30433.170000000000	30139.7		Pass
2023-07-18	30139.7	30242.4	29624	42400.0		30390.97	29866.8	Buy
2023-07-19	29866.7	30185.5	29789	34960.0		30365.25	29909.7	Pass
2023-07-22	29904.5	29988.0	29657	18470.0	30171.960000000000	29788.9		Pass
2023-07-23	29788.9	30337.0	29735	23320.0	30033.940000000000	30085.9		Pass
2023-07-25	29178.3	29365.4	29058	29050.0		29813.73	29228.6	Pass
2023-07-26	29228.8	29681.8	29109	44330.0		29725.4	29352.2	Pass
2023-07-27	29352.9	29568.8	29094	30420.0		29633.7	29222.7	Pass
2023-07-28	29222.7	29533.0	29125	31420.0		29578.52	29315.0	Pass
2023-07-29	29315.0	29400.1	29256	13900.0		29522.9	29353.5	Pass
2023-07-31	29282.0	29502.3	29128	31840.0		29403.9	29232.4	Pass
2023-08-01	29232.3	29712.2	28611	64010.00		29396.23	29712.2	Sell
2023-08-04	29189.1	29319.1	28875	31430.0		29293.82	29105.5	Pass
2023-08-06	29067.9	29198.9	28987	16030.00		29251.27	29081.3	Pass
2023-08-08	29204.2	30168.6	29137	62570.0	29282.580000000000	29777.4		Pass
2023-08-09	29771.3	30104.0	29384	49670.0		29312.21	29578.0	Pass
2023-08-11	29448.9	29544.9	29271	27710.0		29304.73	29420.8	Pass
2023-08-13	29428.2	29468.5	29272	13490.0		29341.26	29300.1	Pass
2023-08-15	29426.7	29472.0	29118	33810.0		29386.1	29195.3	Pass
2023-08-16	29195.3	29251.1	28717	43710.0		29350.6	28726.3	Buy
2023-08-17	28726.1	28771.8	25489	132920.0		29093.75	26635.7	Pass
2023-08-20	26099.5	26269.1	25998	24000.0		28047.65	26190.8	Pass
2023-08-25	26176.1	26265.7	25811	39960.0	26454.170000000000	26057.2		Pass

2023-08-26	26057.2	26114.1	25993	12090.0		26183.25	26017.1	Pass
2023-08-27	26017.1	26176.8	25968	14290.0	26129.740000000000	26100.6	Pass	
2023-08-31	27300.6	27464.5	25731	69110.0	26390.690000000000	25937.3	Buy	
2023-09-01	25938.3	26144.9	25361	58080.0		26367.02	25803.2	Pass
2023-09-02	25803.5	25977.4	25752	21240.0	26310.370000000000	25869.7	Pass	
2023-09-03	25869.7	26090.4	25816	21360.0		26289.77	25971.0	Pass
2023-09-07	25758.0	26417.7	25626	39770.0		26222.52	26249.8	Pass
2023-09-10	25901.1	25995.1	25626	23600.0		25891.6	25840.2	Pass
2023-09-14	26223.0	26760.3	26148	53820.0	25919.740000000000	26524.7	Pass	
2023-09-15	26523.3	26837.4	26233	36470.0		26000.82	26601.0	Pass
2023-09-16	26599.9	26769.0	26463	18450.0	26081.220000000000	26562.0	Pass	
2023-09-19	26759.0	27480.7	26672	52170.0	26325.360000000000	27209.2	Pass	
2023-09-22	26569.5	26736.4	26488	28790.0	26668.940000000000	26581.9	Pass	
2023-09-24	26579.0	26727.6	26162	22320.0		26677.24	26251.5	Buy
2023-09-25	26251.6	26423.6	26013	38200.0	26647.410000000000	26302.7	Pass	
2023-09-26	26303.1	26396.2	26093	26410.0		26613.1	26218.9	Pass
2023-09-28	26368.2	27283.6	26339	64560.0		26622.71	27022.6	Sell
2023-10-01	26962.5	28038.4	26955	35110.0		26716.99	27974.5	Pass
2023-10-02	27974.6	28556.6	27325	84300.0	26809.330000000000	27505.3	Pass	
2023-10-03	27501.6	27670.8	27194	44060.0		26894.25	27428.4	Pass
2023-10-05	27783.5	28089.1	27371	46260.0		27158.95	27410.3	Pass
2023-10-11	27391.9	27475.9	26558	55780.0		27580.46	26876.6	Pass
2023-10-13	26761.1	27114.8	26682	33660.0		27449.55	26863.5	Pass
2023-10-15	26852.8	27286.9	26812	21950.0	27330.830000000000	27161.2	Pass	
2023-10-17	28508.3	28608.5	28096	53420.0	27432.360000000000	28403.6	Pass	
2023-10-21	29674.7	30264.8	29469	34680.0		28118.4	29912.9	Pass
2023-10-22	29912.7	30193.4	29713	29070.0		28440.71	29984.2	Pass
2023-10-25	33917.0	35123.9	33713	75810.0		30498.52	34496.8	Pass
2023-10-26	34497.6	34826.0	33749	56620.0	31062.920000000000	34153.7	Pass	
2023-10-28	33901.6	34387.8	33867	22000.0	32188.830000000000	34082.6	Pass	
2023-10-29	34082.6	34737.9	33937	27720.0		32769.2	34526.7	Pass
2023-10-30	34526.7	34853.3	34089	45200.0		33249.54	34477.9	Pass

2023-11-02	35423.8	35907.6	34357	63660.0		34456.23	34931.4	Pass
2023-11-03	34931.4	34940.6	34124	54540.0		34536.4	34718.7	Pass
2023-11-04	34718.6	35242.2	34601	23800.0		34593.3	35065.8	Pass
2023-11-05	35065.8	35360.2	34550	31020.0		34679.87	35019.4	Pass
2023-11-07	35042.1	35877.9	34536	53490.0	34928.240000000000	35426.1	Pass	
2023-11-08	35426.2	36050.2	35148	46330.0	35039.260000000000	35636.9	Pass	
2023-11-10	36700.5	37496.1	36347	59560.0	35526.760000000000	37303.0	Pass	
2023-11-11	37306.3	37401.3	36767	29530.0		35699.43	37150.5	Pass
2023-11-15	35549.3	37954.1	35379	75510.0	36422.590000000000	37874.9	Sell	
2023-11-16	37873.9	37907.6	35561	66920.0		36534.51	36161.2	Buy
2023-11-17	36161.8	36690.6	35875	51370.0		36651.44	36595.4	Pass
2023-11-20	37356.6	37735.6	36857	51800.0	36825.090000000000	37454.1	Pass	
2023-11-25	37718.6	37887.4	37599	16090.0		37015.53	37787.0	Pass
2023-11-26	37786.4	37819.1	37166	29200.0	37144.590000000000	37451.8	Pass	
2023-11-30	37857.6	38144.4	37509	33530.0		37411.39	37712.9	Pass
2023-12-02	38688.2	39673.4	38646	37090.0		37903.61	39458.4	Pass
2023-12-04	39968.6	42394.4	39968	104210.0		38598.37	41987.8	Pass
2023-12-05	41989.6	44424.1	41424	96840.0		39227.29	44076.2	Pass
2023-12-07	43774.4	44046.4	42860	63090.0		40463.85	43289.7	Pass
2023-12-09	44175.5	44361.2	43617	31670.0		41685.36	43718.4	Pass
2023-12-11	43791.0	43806.3	40277	105190.0	42549.96000000000	41256.1	Buy	
2023-12-14	42886.3	43392.7	41591	59150.0		43148.06	43025.9	Pass
2023-12-15	43025.2	43080.7	41697	45280.0	42933.340000000000	41929.0	Pass	
2023-12-18	41369.1	42728.0	40554	61580.0		42439.2	42659.7	Pass
2023-12-19	42659.7	43473.3	41842	55290.0	42293.290000000000	42259.3	Pass	
2023-12-20	42259.5	44278.7	42217	70190.0		42280.47	43662.8	Sell
2023-12-23	43968.9	43994.6	43325	21290.0	42872.230000000000	43710.4	Pass	
2023-12-24	43710.4	43935.7	42748	30860.0		42867.79	42981.5	Pass
2023-12-25	42982.0	43792.7	42745	32670.0	43032.740000000000	43578.5	Pass	
2023-12-26	43579.9	43594.9	41796	56030.0		43056.9	42513.3	Buy
2023-12-28	43446.5	43782.6	42309	49840.0		43256.82	42581.1	Pass
2023-12-30	42074.7	42592.2	41527	35180.0	43085.520000000000	42136.7	Pass	

2023-12-31	42141.6	42878.8	41971	35580.0	42926.18	42272.5	Pass
2024-01-01	42272.5	44187.0	42196	36300.0	42947.630000000000	44183.4	Sell
2024-01-03	44943.7	45492.7	40888	117650.0	43056.42	42836.1	Pass
2024-01-04	42836.1	44744.5	42632	68050.0	43114.270000000000	44157.0	Pass
2024-01-05	44163.0	44312.1	42629	68070.0	43278.630000000000	44156.9	Pass
2024-01-06	44156.6	44203.2	43424	24260.0	43330.770000000000	43967.9	Pass