In [16]:
```python
import pandas as pd
from bs4 import BeautifulSoup
```

In [17]:
```python
#HTML Code
html_code = '''
<div style="overflow-x:auto;width: 100%;">
            <!-- HTML Code here-->
        </div>
'''
```

In [18]:
```python
#Create a BeautifulSoup object
soup = BeautifulSoup(html_code,'html.parser')
```

In [19]:
```python
#find the table from data
table = soup.find('table')
```

In [20]:
```python
#Initialize an empty lists for columns and rows
columns = []
rows = []
```

In [21]:
```python
# Extract column names
thead = table.find('thead')
for th in thead.find_all('th'):
    columns.append(th.text.strip())

# Extract data rows
tbody = table.find('tbody')
for tr in tbody.find_all('tr'):
    row = []
    for td in tr.find_all('td'):
        row.append(td.text.strip())
    rows.append(row)
```

In [22]:
```python
#Truncate or pad rows to match the number of columns
max_columns = max(len(columns), max(len(row) for row in rows))
rows1 = [row[:max_columns] + [''] * (max_columns - len(row)) for row in rows]

# Create DataFrame
df = pd.DataFrame(rows1, columns=columns)
```

```python
# Print DataFrame
print(df)

# Save DataFrame to Excel
df.to_csv('data.csv', index='COMPANY')
```

```
          COMPANY            INDUSTRY MARKET PRICE(Rs) CHANGE(%)  \
0               TCS          SOFTWARE          3,482.1       4.2
1      TECH MAHINDRA         SOFTWARE          1,223.0       4.1
2           INFOSYS          SOFTWARE          1,418.0       3.9
3   HCL TECHNOLOGIES         SOFTWARE          1,149.0       3.6
4         LTIMINDTREE        SOFTWARE          5,056.0       3.3
5      EICHER MOTORS       AUTOMOBILES         3,352.5       2.9
6             WIPRO          SOFTWARE            403.2       2.3
7          HINDALCO          ALUMINIUM           443.4       1.9
8      TATA CONSUMER            FMCG             848.7       1.3
9      HERO MOTOCORP       AUTOMOBILES         3,113.8       1.3
10 DIVIS LABORATORIES  PHARMACEUTICALS        3,660.6       1.1
11       TATA STEEL            STEEL             116.1       1.1
12              HUL              FMCG           2,679.0       0.9
13           NESTLE    FOOD & TOBACCO        23,010.0       0.8
14              UPL          CHEMICALS           636.1       0.8
15              L&T        ENGINEERING         2,469.7       0.8
16            CIPLA    PHARMACEUTICALS        1,028.5       0.8
17             ONGC            ENERGY            169.1       0.7
18  ADANI PORTS & SEZ    MISCELLANEOUS          721.8       0.6
19      ASIAN PAINTS           PAINTS         3,412.7       0.4
20 SBI LIFE INSURANCE       INSURANCE         1,318.8       0.4
21              ITC    FOOD & TOBACCO           473.7       0.4
22      TATA MOTORS        AUTOMOBILES          622.7       0.3
23              IOC            ENERGY             96.5       0.3
24 ADANI ENTERPRISES    MISCELLANEOUS        2,367.8       0.2
25     INDUSIND BANK          BANKING         1,379.0       0.2
26       COAL INDIA            MINING           230.4       0.2
27             BPCL            ENERGY            379.7       0.0
28       ICICI BANK           BANKING           955.5      -0.0
29     RELIANCE IND.          ENERGY          2,739.7      -0.1
30       BAJAJ AUTO       AUTOMOBILES         4,860.0      -0.1
31        HDFC BANK           BANKING         1,638.8      -0.1
32     BHARTI AIRTEL          TELECOM           883.5      -0.2
33     BAJAJ FINSERV          FINANCE         1,611.3      -0.2
34       SUN PHARMA     PHARMACEUTICALS       1,072.6      -0.3
35     MARUTI SUZUKI      AUTOMOBILES         9,618.0      -0.3
36 KOTAK MAHINDRA BANK        BANKING         1,861.7      -0.4
37     BAJAJ FINANCE          FINANCE         7,438.9      -0.5
38         JSW STEEL            STEEL           797.4      -0.6
39   APOLLO HOSPITALS    MISCELLANEOUS        5,148.0      -0.7
40              SBI           BANKING           581.8      -0.7
41           GRASIM           TEXTILES        1,747.5      -0.7
42             NTPC             POWER           186.5      -0.7
```

43	DR. REDDYS LAB	PHARMACEUTICALS	5,099.4	-0.8
44	ULTRATECH CEMENT	CEMENT	8,155.0	-1.0
45	M&M	AUTOMOBILES	1,551.5	-1.0
46	TITAN	RETAILING	3,051.7	-1.1
47	POWER GRID	POWER	240.4	-1.1
48	AXIS BANK	BANKING	948.6	-1.2
49	HDFC LIFE INSURANCE	INSURANCE	665.4	-2.2

	NO OFSHARES(m)	MARKET CAP.**(Rs m)	FREE FLOAT ADJ. FACTOR#	\
0	3,659.1	12,741,000	0.3	
1	974.7	1,192,115	0.6	
2	4,150.2	5,884,973	0.8	
3	2,713.7	3,118,001	0.4	
4	295.9	1,496,009	0.3	
5	273.7	917,440	0.5	
6	5,219.2	2,104,373	0.3	
7	2,247.2	996,406	0.7	
8	929.0	788,406	0.7	
9	199.8	622,267	0.7	
10	265.5	971,774	0.5	
11	12,221.5	1,418,912	0.7	
12	2,349.6	6,294,555	0.4	
13	96.4	2,218,525	0.4	
14	750.6	477,461	0.7	
15	1,405.6	3,471,343	1.0	
16	807.2	830,205	0.7	
17	12,580.3	2,126,696	0.4	
18	2,160.1	1,559,188	0.4	
19	959.2	3,273,454	0.5	
20	1,001.0	1,320,073	0.4	
21	12,451.2	5,898,155	1.0	
22	3,321.9	2,068,523	0.5	
23	14,121.2	1,361,993	0.5	
24	1,140.0	2,699,238	0.3	
25	776.0	1,070,136	0.8	
26	6,162.7	1,419,584	0.4	
27	2,169.3	823,557	0.5	
28	6,997.2	6,685,814	1.0	
29	6,766.1	18,536,771	0.5	
30	283.0	1,375,173	0.5	
31	5,591.8	9,163,840	0.7	
32	5,984.9	5,287,642	0.4	
33	1,592.8	2,566,424	0.4	
34	2,399.3	2,573,527	0.5	

35	302.1	2,905,406	0.4
36	1,987.2	3,699,593	0.7
37	605.9	4,507,367	0.4
38	2,417.2	1,927,492	0.5
39	143.8	740,204	0.7
40	8,924.6	5,191,893	0.4
41	658.4	1,150,577	0.6
42	9,696.7	1,808,428	0.5
43	166.6	849,333	0.7
44	288.7	2,354,237	0.4
45	1,243.5	1,929,335	0.8
46	887.8	2,709,257	0.5
47	6,975.5	1,676,550	0.5
48	3,079.9	2,921,423	0.9
49	2,149.7	1,430,397	0.5

	EARNINGS *(Rs m)	EPS(Rs)	PER(X)
0	439,040	120.0	29.0
1	48,860	50.1	24.4
2	241,080	58.1	24.4
3	150,950	55.6	20.7
4	34,290	115.9	43.6
5	25,988	95.0	35.3
6	116,975	22.4	18.0
7	100,880	44.9	9.9
8	13,465	14.5	58.6
9	27,968	140.0	22.2
10	18,234	68.7	53.3
11	76,572	6.3	18.5
12	101,450	43.2	62.0
13	25,484	264.3	87.1
14	42,570	56.7	11.2
15	126,249	89.8	27.5
16	28,355	35.1	29.3
17	327,436	26.0	6.5
18	51,711	23.9	30.2
19	41,015	42.8	79.8
20	17,206	17.2	76.7
21	194,277	15.6	30.4
22	23,535	7.1	87.9
23	108,421	7.7	12.6
24	22,089	19.4	122.2
25	74,431	95.9	14.4
26	281,331	45.7	5.0

27	-609	-0.3	-
28	344,630	49.3	19.4
29	741,310	109.6	25.0
30	55,309	195.5	24.9
31	461,487	82.5	19.9
32	115,353	19.3	45.8
33	122,084	76.6	21.0
34	85,608	35.7	30.1
35	80,336	265.9	36.2
36	147,804	74.4	25.0
37	115,060	189.9	39.2
38	42,760	17.7	45.1
39	8,877	61.7	83.4
40	565,584	63.4	9.2
41	108,692	165.1	10.6
42	167,547	17.3	10.8
43	44,702	268.4	19.0
44	50,694	175.6	46.4
45	98,690	79.4	19.5
46	32,730	36.9	82.8
47	152,507	21.9	11.0
48	108,527	35.2	26.9
49	13,357	6.2	107.1

In [ ]:

In [ ]: