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In [43]: import requests
import bs4 as bs
import pandas as pd
import re
source = requests.get("http://forecast.weather.gov/MapClick.php?lat=37.87158815800046&lon=-122.27274583799971")
soup = bs.BeautifulSoup(source.content, features='html.parser')
soup_table = soup.body.find(id='seven-day-forecast')
long_description=[]
temp=[]
period=[]
short_description=[]
for p in soup_table.find_all(class_='period-name'):
    period.append(p.text)
for p in soup_table.find_all(class_='short-desc'):
    short_description.append(p.text)
regex = re.compile('temp temp-.*')
for p in soup.find_all(class_=regex):
    temp.append(p.get_text())
for p in soup.find_all(class_='col-sm-10 forecast-text'):
    long_description.append(p.text)
dic_df = {'period':period,'temp':temp,'short-desc':short_description,'long-desc':long_description[:9]}
pd.DataFrame.from_dict(dic_df)
```

Out[43]:

	period	temp	short-desc	long-desc
0	Today	High: 67 °F	Sunny	Sunny, with a high near 67. Calm wind becoming...
1	Tonight	Low: 49 °F	Partly Cloudy	Partly cloudy, with a low around 49. West wind...
2	Thursday	High: 68 °F	Sunny	Sunny, with a high near 68. Calm wind becoming...
3	ThursdayNight	Low: 50 °F	Mostly Clear	Mostly clear, with a low around 50. West south...
4	Friday	High: 66 °F	Mostly Sunny	Mostly sunny, with a high near 66. Light south...
5	FridayNight	Low: 49 °F	Partly Cloudy	Partly cloudy, with a low around 49.
6	Saturday	High: 56 °F	ChanceShowers	A 40 percent chance of showers, mainly after 1...
7	SaturdayNight	Low: 46 °F	ShowersLikely	Showers likely. Mostly cloudy, with a low aro...
8	Sunday	High: 54 °F	ShowersLikely	Showers likely. Mostly cloudy, with a high ne...

In []: