I have met with programming at the university MATLAB class. Since then, I have preferred to use MATLAB to facilitate my works while doing my homework and projects. Through the last periods of my university education, I have realized that I could expand my interest and working area by learning some computer programs. Due to the growing interest in data analytic issues by the whole world, I have decided to work on this area and started to https://www.datacamp.com/ an online Python course. I could not go much further with Python, but I have fundamentals knowledge about this program. As soon as I graduated my university, I have started to look for other opportunities to develop myself in programming. Now, I am taking a programming course at Siliconmade Academy. In this course, we are working with C# and HTML and at the end of this course, I will be certificated as a full stack developer. I would like to add web scraping trial codes to export the goods' prices from a shop's web pages. The codes were written in Python.

```
from selenium import webdriver

from selenium.webdriver.common.keys import Keys

from selenium.webdriver.support import expected_conditions as EC

from selenium.webdriver.common.by import By

from selenium.webdriver.support.wait import WebDriverWait

from datetime import datetime

import pandas as pd


import time



from datetime import datetime, timedelta
a = datetime.now()
result = datetime.strftime(a,'%Y-%B-%d')




path = 'C:/chromedriver.exe'
driver = webdriver.Chrome(path)



driver.implicitly_wait(5)

korel = {}

arda =[]

df1 = pd.DataFrame(columns=['fiyat','urun','cat'])


for a in range(2,19):
        driver.get('https://www.sokmarket.com.tr/')
```

```
        name =
driver.find_element_by_xpath('//*[@id="root"]/section[2]/div/ul/li[{}]/
a/h3'.format(a)).text

        korel[name] = []


driver.find_element_by_xpath('//*[@id="root"]/section[2]/div/ul/li[{}]/
a'.format(a)).click()

        for x in range(1,20):
            try:

driver.find_element_by_xpath('//*[@id="root"]/section/div/div[2]/div[1]
/div[2]/div/div/div/div/nav/li[{}]/a'.format(x)).click()
                time.sleep(5)
                for i in range(1,40):
                    try:
                        label =
driver.find_element_by_xpath('//*[@id="root"]/section/main/div/div/ul/l
i[{}]/div/a/div[2]/div/span'.format(i)).text
                        fiyat =
driver.find_element_by_xpath('//*[@id="root"]/section/main/div/div/ul/l
i[{}]/div/a/div[2]/strong'.format(i)).text
                        korel[name].append(fiyat)
                        df1 = df1.append({'fiyat': fiyat},
ignore_index=True)
                        korel[name].append(label)
                        df1 = df1.append({'urun': label},
ignore_index=True)
                        df1 = df1.append({'cat': name},
ignore_index=True)


                        mert = [label, fiyat, name]

                        arda.append(mert)
                    except:
                        break

            except:

                break

dataframe = pd.DataFrame(arda,columns= ['fiyat','ürün','tur'])

print(dataframe)



dataframe.to_excel('C:/Users/PC/Desktop/economic model and
programming/şok({}).xlsx'.format(result))
```