```
In [1]:
         1 import requests as r
         2 from bs4 import BeautifulSoup
           # pip install selenium
In [3]:
           from selenium import webdriver
In [4]:
In [27]:
         1 url = '''https://www.bloomberg.com/billionaires/'''
         3 loc = r"C:\Users\Lenovo\Downloads\chromedriver-win64\chromedriver-win64\chromedriver.exe"
         1 cService = webdriver.ChromeService(executable path=loc)
In [28]:
           driver = webdriver.Chrome(service = cService)
           driver.get(url)
         6
           data = driver.page source
         8 data
Out[28]: '<html xmlns="http://www.w3.org/1999/xhtml" class="no-js" lang="en"><!--<![endif]--><head>\n
                                                                                           <meta http-equiv="X-UA-Compatible" co</pre>
        property="og:type" content="article">\n <meta property="article:opinion" content="false">\n
                                                                                            <meta property="article:content tie</pre>
                               r" content="metered">\n
                         <link rel="stylesheet" type="text/css" href="/graphics/soup/bowl/v0/css/standalone.css">\n\n
        xt/javascript" async="" src="https://www.googletagmanager.com/gtag/js?id=G-GQ1PBLXZCT&l=dataLayer&cx=c"></script><script asyn
        c="" src="https://www.googletagmanager.com/gtm.js?id=GTM-MNTH5N"></script><script async="" src="/8FCGYgk4/init.js"></script><script t
        ype="text/javascript">\n
                                   window.isTerminal = !!~window.location.search.indexOf(\'terminal=\') || !!~window.navigator.userAgen
        t.indexOf(\'Bloomberg\');\n
                                      if (isTerminal) document.documentElement.className += \' terminal\':\n\n
                                                                                                                    function
                                                                  var link = document.createElement(\'link\');\n\n
        addCSS(cssPath) {\n
                                  if (!isTerminal) {\n
                                                                                                                         li
                                           link.rel = \'stylesheet\';\n
                                                                                 link.href = cssPath;\n\n
        nk.type = \'text/css\';\n
                                                                                                                    documen
        t.head.appendChild(link);\n
                                         }\n
                                                   }\n\n
                                                                       function addScript(scriptPath, onload) {\n
                                                                                                                     if (!i
                                                              \n
        sTerminal) {\n
                                  var script = document.createElement(\'script\');\n\n
                                                                                            script.type = \'text/javascript
        \';\n
                          script.asvnc = \'asvnc\':\n
                                                               script.src = scriptPath;\n
                                                                                                   if (onload) script.onload =
        onload;\n\n
                               document.body.appendChild(script);\n
                                                                        }\n
                                                                                             (function(w, n) {\n
                                                                                  }\n\n
                                                                                                                        W
        [n] = w[n] \mid | \{\}; \setminus n\}
                                   w[n].cmd = w[n].cmd || []; \n
                                                                  })(window, "Spritz");\n
                                                                                            (function(w, n) {\n
                                                                                                                       w[n]
                                                                                     </script>\n
        = w[n] || {}; \n
                               w[n].cmd = w[n].cmd || [];\n
                                                              })(window, "Sparkle");\n
                                                                                                   <script>\n
        ddCSS(\'https://assets.bwbx.io/font-service/css/AvenirNextPForBBG:400.600/stvled-font-face.css\'):\n
                                                                                                            addCSS(\'https://
```

```
1 driver.close()
In [29]:
In [32]:
           1 soup = BeautifulSoup(data, 'html.parser')
           2 soup
         <!-- <div class="table-cell t-ycp pos">+3.6%</div> -->
         <div class="table-cell t-country">
                   France
                 </div>
         <div class="table-cell t-industry">
                   Consumer
                 </div>
         </div>
         <div class="table-row">
         <div class="table-cell t-rank">
                   26
                 </div>
         <div class="table-cell t-name"><a href="./profiles/jacqueline-b-mars/">
                     Jacqueline Badger Mars</a></div>
         <div class="table-cell active t-nw">
                   $48.3B
                 </div>
         <div class="table-cell t-lcd neg">
                   -$645M
                 //div
In [46]:
           1 colum =['Rank', 'Name' ,'Total net worth' ,'$ Last change' ,'$ YTD change' ,'Country / Region','Industry']
           3 all data = []
           5 for i in soup.find_all('div',{'class':'table-row'}):
                 lst data = i.text.strip().split('\n')
                 new data = list(filter(lambda x: x.strip(),lst data))
           7
                 all data.append(list(map(lambda x: x.strip(),new data)))
           9
          10
          11 print('done')
         done
In [47]:
           1 import pandas as pd
```

```
In [48]:
             1 table = pd.DataFrame(all data,columns=colum)
In [49]:
             1 table
Out[49]:
                 Rank
                                  Name Total net worth $ Last change $ YTD change Country / Region
                                                                                                      Industry
              0
                    1
                              Elon Musk
                                                 $200B
                                                             -$4.93B
                                                                           -$29.2B
                                                                                       United States
                                                                                                    Technology
                    2
                              Jeff Bezos
                                                 $195B
                                                                           +$18.4B
                                                                                       United States Technology
                                                             -$1.43B
                    3
                          Bernard Arnault
                                                 $185B
                                                                           +$5.90B
              2
                                                             -$4.06M
                                                                                            France
                                                                                                     Consumer
              3
                         Mark Zuckerberg
                                                 $165B
                                                             -$5.45B
                                                                           +$36.9B
                                                                                       United States Technology
                    5
                               Bill Gates
                                                 $145B
                                                                           +$4.12B
                                                             -$354M
                                                                                       United States Technology
             •••
                  496
                      Thomas Straumann
                                                $5.35B
                                                            +$44.1M
                                                                           -$204M
                                                                                        Switzerland Health Care
            494
                  497
                               Lin Mugin
                                                $5.34B
                                                                           -$428M
            495
                                                            +$75.9M
                                                                                             China
                                                                                                     Consumer
                  498
                          Rupert Johnson
                                                $5.31B
                                                             -$34.8M
                                                                           -$282M
                                                                                       United States
            496
                                                                                                       Finance
                  499
                            Wang Jianlin
                                                $5.31B
                                                              -$117M
                                                                           -$1.09B
                                                                                             China Real Estate
            497
                  500
                                                $5.31B
                                                                           -$1.32B
            498
                             Zhou Qunfei
                                                             -$68.2M
                                                                                             China Technology
           499 rows × 7 columns
In [50]:
             1 table.to csv(r"C:\Users\Lenovo\Desktop\rich.csv")
             2 print('done')
           done
            1
 In [ ]:
```