

```

1  # Dependencies
2  from bs4 import BeautifulSoup as bs
3  import requests
4  from splinter import Browser
5  from datetime import date
6  from datetime import timedelta
7  import time
8
9  ##### date fields for later use...
10 curr_date = date.today()
11 y_date = curr_date - timedelta(days = 1)
12 dby_date = curr_date - timedelta(days = 2)
13 # print(curr_date, y_date, dby_date)
14 cstr = curr_date.strftime('%b %d, %Y')
15 ystr = y_date.strftime('%b %d, %Y')
16 dstr = dby_date.strftime('%b %d, %Y')
17 # print(cstr, ystr, dstr)
18 #####
19
20 def init_browser():
21     executable_path = {'executable_path': '/usr/local/bin/chromedriver'}
22     return Browser('chrome', **executable_path, headless=False)
23
24 def scrape():
25     ### Part-1 : Latest Mars News - web scraping
26     # Visit mars news webpage section...
27     url = 'https://mars.nasa.gov/news/'
28     browser = init_browser()
29     browser.visit(url)
30
31     # sleep before parsing
32     time.sleep(3)
33
34     # Create BeautifulSoup object; parse with 'html.parser'
35     html = browser.html
36     soup = bs(html, 'html.parser')
37
38     # Close the browser after scraping
39     browser.quit()
40
41     # Scraping...
42     res = soup.find_all('li', class_="slide")
43     for results in res:
44         #print(results.a.h3.text)
45         news_title = results.a.h3.text
46         #print("-----")
47         #print(results.a.text)
48         news_p = results.a.text
49         break
50     #print(news_title)

```