

# webscraping-assignment-3

February 23, 2024

1. Write a python program which searches all the product under a particular product from [www.amazon.in](http://www.amazon.in). The product to be searched will be taken as input from user. For e.g. If user input is 'guitar'. Then search for guitars.

```
[1]: !pip install selenium
```

```
Requirement already satisfied: selenium in c:\users\anand\anaconda3\lib\site-packages (4.18.1)
Requirement already satisfied: urllib3[socks]<3,>=1.26 in c:\users\anand\anaconda3\lib\site-packages (from selenium) (1.26.16)
Requirement already satisfied: trio~=0.17 in c:\users\anand\anaconda3\lib\site-packages (from selenium) (0.24.0)
Requirement already satisfied: trio-websocket~=0.9 in c:\users\anand\anaconda3\lib\site-packages (from selenium) (0.11.1)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\anand\anaconda3\lib\site-packages (from selenium) (2023.7.22)
Requirement already satisfied: typing_extensions>=4.9.0 in c:\users\anand\anaconda3\lib\site-packages (from selenium) (4.9.0)
Requirement already satisfied: attrs>=20.1.0 in c:\users\anand\anaconda3\lib\site-packages (from trio~=0.17->selenium) (22.1.0)
Requirement already satisfied: sortedcontainers in c:\users\anand\anaconda3\lib\site-packages (from trio~=0.17->selenium) (2.4.0)
Requirement already satisfied: idna in c:\users\anand\anaconda3\lib\site-packages (from trio~=0.17->selenium) (3.4)
Requirement already satisfied: outcome in c:\users\anand\anaconda3\lib\site-packages (from trio~=0.17->selenium) (1.3.0.post0)
Requirement already satisfied: sniffio>=1.3.0 in c:\users\anand\anaconda3\lib\site-packages (from trio~=0.17->selenium) (1.3.0)
Requirement already satisfied: cffi>=1.14 in c:\users\anand\anaconda3\lib\site-packages (from trio~=0.17->selenium) (1.15.1)
Requirement already satisfied: wsproto>=0.14 in c:\users\anand\anaconda3\lib\site-packages (from trio-websocket~=0.9->selenium) (1.2.0)
Requirement already satisfied: PySocks!=1.5.7,<2.0,>=1.5.6 in c:\users\anand\anaconda3\lib\site-packages (from urllib3[socks]<3,>=1.26->selenium) (1.7.1)
```

Requirement already satisfied: pycparser in c:\users\anand\anaconda3\lib\site-packages (from cffi>=1.14->trio~=0.17->selenium) (2.21)  
Requirement already satisfied: h11<1,>=0.9.0 in c:\users\anand\anaconda3\lib\site-packages (from wsproto>=0.14->trio-websocket~=0.9->selenium) (0.14.0)

```
[2]: import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

```
[3]: driver=webdriver.Chrome()
```

```
[6]: product = input("Enter product to search on Amazon: ")
driver.get("https://www.amazon.in")
search_box = driver.find_element(By.ID, "twotabsearchtextbox")
search_box.send_keys(product)
search_button = driver.find_element(By.ID, "nav-search-submit-button")
search_button.click()
```

Enter product to search on Amazon: guitar

**2 2.** In the above question, now scrape the following details of each product listed in first 3 pages of your search results and save it in a data frame and csv. In case if any product has less than 3 pages in search results then scrape all the products available under that product name. Details to be scraped are: “Brand Name”, “Name of the Product”, “Price”, “Return/Exchange”, “Expected Delivery”, “Availability” and “Product URL”. In case, if any of the details are missing for any of the product then replace it by “-”.

```
[47]: from selenium import webdriver
import time
from selenium.common.exceptions import NoSuchElementException # importing
↳ exception
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
```

```
[48]: driver=webdriver.Chrome()
```

```
[49]: driver.get("https://www.amazon.in")
```

```
[50]: product_name=driver.find_element(By.XPATH,"/html/body/div[1]/header/div/div[1]/div[2]/div/form/div[2]/div[1]/input")
product_name.send_keys('guitar Best seller')
```

```
[51]: search=driver.find_element(By.XPATH,"/html/body/div[1]/header/div/div[1]/div[2]/div/form/div[3]/div/span/input")
search.click()
time.sleep(3)
```

```
[52]: # scrape all product urls
product_urls=[]
start=0
end=3
for page in range(start,end): # for loop for scrapping 3 page
    url=driver.find_elements(By.XPATH,'//a[@class="a-link-normal a-text-normal s-link-style s-link-text s-underline-link-text s-underline-text"]')
    for i in url:
        product_urls.append(i.get_attribute('href'))
    nxt_button=driver.find_element(By.XPATH,'//a[@class="s-pagination-item s-pagination-next s-pagination-button s-pagination-separator"]')
    nxt_button.click()
    time.sleep(2)
```

```
[53]: len(product_urls)
```

```
[53]: 185
```

```
[54]: import pandas as pd
df=pd.DataFrame({'product_urls':product_urls})
df
```

```
[54]: product_urls
0    https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
1    https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
2    https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
3    https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
4    https://www.amazon.in/Juarez-Acoustic-Cutaway-...
..
180  https://www.amazon.in/Cort-AD880CE-Cutaway-Aco...
181  https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
182  https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
183  https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
184  https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
```

```
[185 rows x 1 columns]
```

```
[55]: Name_of_the_Product=[]
Price=[]
Return_Exchange=[]
Expected_Delivery=[]
Availability=[]
```

```
[56]: for url in product_urls:
    driver.get(url)
    time.sleep(2)
    try:
        name_of_the_Product=driver.find_element(By.XPATH, '/html/body/div[2]/div/
↪div[5]/div[3]/div[4]/div[1]/div/h1/span')
        Name_of_the_Product.append(name_of_the_Product.text)
    except NoSuchElementException:
        Name_of_the_Product.append('-')
    try:
        price=driver.find_element(By.XPATH, '/html/body/div[2]/div/div[5]/div[3]/
↪div[4]/div[13]/div/div/div[4]/div[1]/span[3]')
        Price.append(price.text)
    except NoSuchElementException:
        Price.append('-')
    try:
        return_exchange=driver.find_element(By.XPATH, '/html/body/div[2]/div/
↪div[5]/div[3]/div[4]/div[24]/div[2]/div/div/div/div[2]/div/ol/li[3]/div/span/
↪div[2]/span')
        Return_Exchange.append(return_exchange.text)
    except NoSuchElementException:
        Return_Exchange.append('-')
    try:
        expected_delivery=driver.find_element(By.XPATH, '/html/body/div[2]/div/
↪div[5]/div[3]/div[1]/div[3]/div/div[1]/div/div/div/form/div/div/div/div/
↪div[4]/div/div[3]/div[10]/div[1]/div/div/div/span/span[1]')
        Expected_Delivery.append(expected_delivery.text)
    except NoSuchElementException:
        Expected_Delivery.append('-')
    try:
        availability=driver.find_element(By.XPATH, '/html/body/div[2]/div/div[5]/
↪div[3]/div[1]/div[3]/div/div[1]/div/div/div/form/div/div/div/div/div[4]/div/
↪div[5]/div/div[1]/span')
        Availability.append(availability.text)
    except NoSuchElementException:
        Availability.append('-')
```

```
[57]: print(len(Name_of_the_Product),len(Price),len(Return_Exchange),len(Expected_Delivery),len(Avai
```

185 185 185 185 185 185

```
[59]: import pandas as pd
df=pd.DataFrame({'name_of_the_product':Name_of_the_Product,'price':
↳Price,'return_exchange':Return_Exchange,'expected_delivery':
↳Expected_Delivery,'availability':Availability,'product_urls':product_urls})
df
```

```
[59]:
```

	name_of_the product	price \
0	Kadence Frontier guitar with Online Guitar lea...	4,499
1	Henrix 38C 38 Inch Cutaway Acoustic Guitar Wit...	3,099
2	Kadence rosewood Guitar Frontier Series, Elect...	5,499
3	Cort AF500C Standard Series Open Pore Cutaway ...	7,999
4	Juárez Acoustic Guitar, 38 Inch Cutaway, 038C ...	2,199
..	...	...
180	Cort AD880CE Cutaway Electro Acoustic Guitar w...	16,999
181	BLUEBERRY B-40, Acoustic Guitar Kit Inbuilt Tr...	4,590
182	Acoustic Guitar, 39 Inch Cutaway, 039C with Ba...	4,996
183	BLUEBERRY B-40, Acoustic Guitar Kit Inbuilt Tr...	4,590
184	PS Signature 41Inch Pine Wood Acoustic Guitar ...	3,899

  

	return_exchange	expected_delivery	availability \
0	7 days Replacement	Monday, 26 February	In stock
1	7 days Replacement	Monday, 26 February	In stock
2	7 days Replacement	Sunday, 25 February	In stock
3	7 days Replacement	Sunday, 25 February	In stock
4	7 days Replacement	Monday, 26 February	In stock
..	...	...	...
180	7 days Returnable	Monday, 26 February	Only 1 left in stock.
181	7 days Replacement	Wednesday, 28 February	In stock
182	-	Tuesday, 27 February	Only 1 left in stock.
183	7 days Replacement	Wednesday, 28 February	In stock
184	-	Wednesday, 28 February	Only 1 left in stock.

  

	product_urls
0	https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
1	https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
2	https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
3	https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
4	https://www.amazon.in/Juarez-Acoustic-Cutaway-...
..	...
180	https://www.amazon.in/Cort-AD880CE-Cutaway-Aco...
181	https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
182	https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
183	https://www.amazon.in/sspa/click?ie=UTF8&spc=M...
184	https://www.amazon.in/sspa/click?ie=UTF8&spc=M...

[185 rows x 6 columns]

### 3. Write a python program to access the search bar and search button on images.google.com and scrape 10 images each for keywords 'fruits', 'cars' and 'Machine Learning', 'Guitar', 'Cakes'.

```
[57]: from selenium import webdriver
import time
from selenium.common.exceptions import NoSuchElementException # importing_
↳exception
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
```

```
[58]: driver=webdriver.Chrome()
```

```
[59]: driver.get("https://www.google.in")
```

```
[60]: images=driver.find_element(By.XPATH, "/html/body/div[1]/div[3]/form/div[1]/
↳div[1]/div[1]/div/div[2]/textarea")
images.send_keys('cakes')
```

```
[44]:
```

```
[62]: for _ in range(20):
        driver.execute_script("window.scrollTo(0,500)")
images=driver.find_elements(By.XPATH, '//img[@class="rg_i Q4LuWd"]')
img_urls=[]
for image in images:
    source=image.get_attribute('src')
    if source is not None:
        if (source[0:4]=='http'):
            img_urls.append(source)
```

```
[68]: len(img_urls)
```

```
[68]: 9
```

```
[69]: import pandas as pd
df=pd.DataFrame({'img_urls':img_urls})
df
```

```
[69]:                                     img_urls
0  https://encrypted-tbn0.gstatic.com/images?q=tb...
1  https://encrypted-tbn0.gstatic.com/images?q=tb...
2  https://encrypted-tbn0.gstatic.com/images?q=tb...
3  https://encrypted-tbn0.gstatic.com/images?q=tb...
4  https://encrypted-tbn0.gstatic.com/images?q=tb...
```

```

5 https://encrypted-tbn0.gstatic.com/images?q=tb...
6 https://encrypted-tbn0.gstatic.com/images?q=tb...
7 https://encrypted-tbn0.gstatic.com/images?q=tb...
8 https://encrypted-tbn0.gstatic.com/images?q=tb...

```

```

[70]: for i in range(len(img_urls)):
        if i >10:
            breakBy.XPATH,
        print("Downloading {0} of {1} images".format(i,10))

```

```

Downloading 0 of 10 images
Downloading 1 of 10 images
Downloading 2 of 10 images
Downloading 3 of 10 images
Downloading 4 of 10 images
Downloading 5 of 10 images
Downloading 6 of 10 images
Downloading 7 of 10 images
Downloading 8 of 10 images

```

- 4 4. Write a python program to search for a smartphone(e.g.: Oneplus Nord, pixel 4A, etc.) on [www.flipkart.com](http://www.flipkart.com) and scrape following details for all the search results displayed on 1st page. Details to be scraped: “Brand Name”, “Smartphone name”, “Colour”, “RAM”, “Storage(ROM)”, “Primary Camera”, “Secondary Camera”, “Display Size”, “Battery Capacity”, “Price”, “Product URL”. Incase if any of the details is missing then replace it by “- “. Save your results in a dataframe and CSV

```

[82]: import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time

```

```

[83]: driver=webdriver.Chrome()

```

```

[84]: driver.get("https://www.flipkart.com/")

```

```

[ ]:

```

```
[85]: product_names=driver.find_element(By.XPATH,"/html/body/div[1]/div/div[1]/div/
↳div/div/div/div[1]/div/div[1]/div/div[1]/div[1]/header/div[1]/div[2]/form/
↳div/div/input")
product_names.send_keys('Oneplus Nord, pixel 4A')
```

```
[86]: searchs=driver.find_element(By.XPATH,"/html/body/div[1]/div/div[1]/div/div/div/
↳div/div[1]/div/div[1]/div/div[1]/div[1]/header/div[1]/div[2]/form/div/div/
↳input")
searchs.click()
time.sleep(3)
```

```
[87]: # scrape all product urls
product_urlss=[]
start=0
end=1
for page in range(start,end): # for loop for scrapping 3 page
    urls=driver.find_elements(By.XPATH,'//a[@class="_1fQZEK"]')
    for i in urls:
        product_urlss.append(i.get_attribute('href'))
    time.sleep(2)
```

```
[88]: len(product_urlss)
```

```
[88]: 9
```

```
[89]: import pandas as pd
df=pd.DataFrame({'product_urlss':product_urlss})
df
```

```
[89]:                                     product_urlss
0  https://www.flipkart.com/oneplus-nord-ce-2-5g-...
1  https://www.flipkart.com/oneplus-nord-ce-2-5g-...
2  https://www.flipkart.com/oneplus-nord-gray-ony...
3  https://www.flipkart.com/oneplus-nord-blue-mar...
4  https://www.flipkart.com/oneplus-nord-blue-mar...
5  https://www.flipkart.com/oneplus-nord-gray-ony...
6  https://www.flipkart.com/oneplus-nord-blue-mar...
7  https://www.flipkart.com/oneplus-nord-gray-ony...
8  https://www.flipkart.com/oneplus-nord-ce-2-5g-...
```

```
[90]: Brand_Names=[]
Smartphone_name=[]
Colour=[]
RAM=[]
Storage_ROM=[]
Primary_Camera=[]
Secondary_Camera=[]
```



```
Display_Size=[]
Battery_Capacity=[]
Price=[]
```

```
[91]: for urls in product_urlss:
        driver.get(urls)
        time.sleep(2)
        try:
            brand_names=driver.find_element(By.XPATH, '/html/body/div[1]/div/div[3]/
↪div[1]/div[2]/div[2]/div/div[1]/h1/span')
            Brand_Names.append(brand_names.text)
        except NoSuchElementException:
            Brand_Names.append('-')
        try:
            smart_phone_name=driver.find_element(By.XPATH, '//span[@class="B_NuCI" ]')
            Smartphone_name.append(smart_phone_name.text)
        except NoSuchElementException:
            Smartphone_name.append('-')
        try:
            color=driver.find_element(By.XPATH, '/html/body/div[1]/div/div[3]/div[1]/
↪div[2]/div[7]/div/div/div[4]/div/div[2]/div[1]/div[1]/table/tbody/tr[4]/
↪td[2]/ul/li')
            Colour.append(color.text)
        except NoSuchElementException:
            Colour.append('-')
        try:
            ram=driver.find_element(By.XPATH, '/html/body/div[1]/div/div[3]/div[1]/
↪div[2]/div[6]/div[1]/div/div[2]/ul/li[1]')
            RAM.append(ram.text)
        except NoSuchElementException:
            RAM.append('-')
        try:
            storage_rom=driver.find_element(By.XPATH, '/html/body/div[1]/div/div[3]/
↪div[1]/div[2]/div[6]/div[1]/div/div[2]/ul/li[1]')
            Storage_ROM.append(storage_rom.text)
        except NoSuchElementException:
            Storage_ROM.append('-')
        try:
            primary_camera=driver.find_element(By.XPATH, '/html/body/div[1]/div/
↪div[3]/div[1]/div[2]/div[6]/div[1]/div/div[2]/ul/li[3]')
            Primary_Camera.append(primary_camera.text)
        except NoSuchElementException:
            Primary_Camera.append('-')
        try:
            secondary_camera=driver.find_element(By.XPATH, '/html/body/div[1]/div/
↪div[3]/div[1]/div[2]/div[6]/div[1]/div/div[2]/ul/li[3]')
```

```

        Secondary_Camera.append(secondary_camera.text)
    except NoSuchElementException:
        Secondary_Camera.append('-')
    try:
        display_size=driver.find_element(By.XPATH, '/html/body/div[1]/div/div[3]/
↪div[1]/div[2]/div[6]/div[1]/div/div[2]/ul/li[2]')
        Display_Size.append(display_size.text)
    except NoSuchElementException:
        Display_Size.append('-')
    try:
        battery_capacity=driver.find_element(By.XPATH, '/html/body/div[1]/div/
↪div[3]/div[1]/div[2]/div[6]/div[1]/div/div[2]/ul/li[4]')
        Battery_Capacity.append(battery_capacity.text)
    except NoSuchElementException:
        Battery_Capacity.append('-')
    try:
        price=driver.find_element(By.XPATH, '/html/body/div[1]/div/div[3]/div[1]/
↪div[2]/div[2]/div/div[3]/div[1]/div/div')
        Price.append(price.text)
    except NoSuchElementException:
        Price.append('-')

```

```
[92]: print(len(Brand_Names),len(Smartphone_name),len(Colour),len(RAM),len(Storage_ROM),len(Primary_Camera),len(Secondary_Camera),len(Display_Size),len(Battery_Capacity),len(Price))
```

```
9 9 9 9 9 9 9 9 9 9 9
```

```
[93]: import pandas as pd
df=pd.DataFrame({'brand_name':Brand_Names,'smart_phone_name':
↪Smartphone_name,'colour':Colour,'Ram':RAM,'storage_rom':
↪Storage_ROM,'Primary_camera':Primary_Camera,'Secondary_camera':
↪Secondary_Camera,'display_size':Display_Size,'battery_capacity':
↪Battery_Capacity,'price':Price,'product_urls':product_urlss})
df
```

```
[93]:
brand_name \
0 OnePlus Nord CE 2 5G (Bahama Blue, 128 GB) (8...
1 OnePlus Nord CE 2 5G (Gray Mirror, 128 GB) (8...
2 OnePlus Nord (Gray Onyx, 64 GB) (6 GB RAM)
3 OnePlus Nord (Blue Marble, 128 GB) (8 GB RAM)
4 OnePlus Nord (Blue Marble, 64 GB) (6 GB RAM)
5 OnePlus Nord (Gray Onyx, 256 GB) (12 GB RAM)
6 OnePlus Nord (Blue Marble, 256 GB) (12 GB RAM)
7 OnePlus Nord (Gray Onyx, 128 GB) (8 GB RAM)
8 OnePlus Nord CE 2 5G (Gray Mirror, 128 GB) (6...
```

```
smart_phone_name colour \
0 OnePlus Nord CE 2 5G (Bahama Blue, 128 GB) (8... -
```

1	OnePlus Nord CE 2 5G (Gray Mirror, 128 GB)	(8...	-
2	OnePlus Nord (Gray Onyx, 64 GB)	(6 GB RAM)	Gray Onyx
3	OnePlus Nord (Blue Marble, 128 GB)	(8 GB RAM)	Blue Marble
4	OnePlus Nord (Blue Marble, 64 GB)	(6 GB RAM)	Blue Marble
5	OnePlus Nord (Gray Onyx, 256 GB)	(12 GB RAM)	Gray Onyx
6	OnePlus Nord (Blue Marble, 256 GB)	(12 GB RAM)	Blue Marble
7	OnePlus Nord (Gray Onyx, 128 GB)	(8 GB RAM)	Gray Onyx
8	OnePlus Nord CE 2 5G (Gray Mirror, 128 GB)	(6...	Gray Mirror

	Ram	storage_rom \
0	8 GB RAM   128 GB ROM	8 GB RAM   128 GB ROM
1	-	-
2	6 GB RAM   64 GB ROM	6 GB RAM   64 GB ROM
3	8 GB RAM   128 GB ROM	8 GB RAM   128 GB ROM
4	6 GB RAM   64 GB ROM	6 GB RAM   64 GB ROM
5	12 GB RAM   256 GB ROM	12 GB RAM   256 GB ROM
6	12 GB RAM   256 GB ROM	12 GB RAM   256 GB ROM
7	8 GB RAM   128 GB ROM	8 GB RAM   128 GB ROM
8	6 GB RAM   128 GB ROM	6 GB RAM   128 GB ROM

	Primary_camera \
0	64MP Rear Camera
1	-
2	48MP + 8MP   32MP + 8MP Dual Front Camera
3	48MP + 8MP   32MP + 8MP Dual Front Camera
4	48MP + 8MP   32MP + 8MP Dual Front Camera
5	48MP + 8MP   32MP + 8MP Dual Front Camera
6	48MP + 8MP   32MP + 8MP Dual Front Camera
7	48MP + 8MP   32MP + 8MP Dual Front Camera
8	64MP Rear Camera   16MP Front Camera

	Secondary_camera \
0	64MP Rear Camera
1	-
2	48MP + 8MP   32MP + 8MP Dual Front Camera
3	48MP + 8MP   32MP + 8MP Dual Front Camera
4	48MP + 8MP   32MP + 8MP Dual Front Camera
5	48MP + 8MP   32MP + 8MP Dual Front Camera
6	48MP + 8MP   32MP + 8MP Dual Front Camera
7	48MP + 8MP   32MP + 8MP Dual Front Camera
8	64MP Rear Camera   16MP Front Camera

	display_size	battery_capacity	price \
0	16.33 cm (6.43 inch) Display	4500 mAh Battery	-
1	-	-	24,999
2	16.36 cm (6.44 inch) Full HD+ Display	4115 mAh Battery	-
3	16.36 cm (6.44 inch) Full HD+ Display	4115 mAh Battery	24,790

4	16.36 cm (6.44 inch)	Full HD+ Display	4115 mAh Battery	-
5	16.36 cm (6.44 inch)	Full HD+ Display	4115 mAh Battery	-
6	16.36 cm (6.44 inch)	Full HD+ Display	4115 mAh Battery	-
7	16.36 cm (6.44 inch)	Full HD+ Display	4115 mAh Battery	-
8	16.33 cm (6.43 inch)	Display	4500 mAh Battery	19,999

```

                                product_urls
0  https://www.flipkart.com/oneplus-nord-ce-2-5g-...
1  https://www.flipkart.com/oneplus-nord-ce-2-5g-...
2  https://www.flipkart.com/oneplus-nord-gray-ony...
3  https://www.flipkart.com/oneplus-nord-blue-mar...
4  https://www.flipkart.com/oneplus-nord-blue-mar...
5  https://www.flipkart.com/oneplus-nord-gray-ony...
6  https://www.flipkart.com/oneplus-nord-blue-mar...
7  https://www.flipkart.com/oneplus-nord-gray-ony...
8  https://www.flipkart.com/oneplus-nord-ce-2-5g-...

```

## 5. Write a program to scrap geospatial coordinates (latitude, longitude) of a city searched on google maps.

```

[119]: from selenium import webdriver
import time
from selenium.common.exceptions import NoSuchElementException # importing
↳ exception
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import re

```

```

[109]: driver=webdriver.Chrome()

```

```

[120]: driver.get("https://maps.google.com/")

```

```

[121]: location=driver.find_element(By.XPATH,"/html/body/div[1]/div[3]/div[8]/div[3]/
↳div[1]/div[1]/div/div[2]/form/input")
location.send_keys('hyderabad')

```

```

[122]: searchs=driver.find_element(By.XPATH,"/html/body/div[1]/div[3]/div[8]/div[3]/
↳div[1]/div[1]/div/div[2]/div[1]/button/span")
searchs.click()
time.sleep(3)

```

```

[123]: url = "https://www.google.com/maps/place/Hyderabad,+Telangana/@17.4127332,78.
↳0783482,10z/data=!3m1!4b1!4m6!3m5!1s0x3bcb99daeaebd2c7:0xae93b78392bafbc2!
↳8m2!3d17.406498!4d78.4772439!16zL20vMDljNnc?entry=tту"

```

```

# Extract latitude and longitude values using regular expressions
match = re.search(r'@(-?\d+\.\d+),(-?\d+\.\d+)', url)
latitude = match.group(1)
longitude = match.group(2)

print("Latitude:", latitude)
print("Longitude:", longitude)

```

Latitude: 17.4127332  
Longitude: 78.0783482

## 6. Write a program to scrap all the available details of best gaming laptops from digit.in.

```

[21]: from selenium import webdriver
import time
from selenium.common.exceptions import NoSuchElementException # importing
↳ exception
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By

```

```

[22]: driver=webdriver.Chrome()

```

```

[23]: driver.get("https://www.digit.in/")

```

```

[26]: # scrape all product urls
product_urls=[]
start=0
end=2
for page in range(start,end):
    url=driver.find_elements(By.XPATH,'//h3[@class="font130 mt0 mb10_
↳mobilesblockdisplay "]/a[1]')
    for i in url:
        product_urls.append(i.get_attribute('href'))
    time.sleep(2)

```

```

[27]: len(product_urls)

```

```

[27]: 8

```

```

[28]: import pandas as pd
df=pd.DataFrame({'product_urls':product_urls})
df

```

```
[28]: product_urls
0 https://www.digit.in/laptops/lenovo-ideapad-ga...
1 https://www.digit.in/laptops/dell-new-g15-5515...
2 https://www.digit.in/laptops/hp-pavilion-gamin...
3 https://www.digit.in/laptops/lenovo-ideapad-ga...
4 https://www.digit.in/laptops/lenovo-ideapad-ga...
5 https://www.digit.in/laptops/dell-new-g15-5515...
6 https://www.digit.in/laptops/hp-pavilion-gamin...
7 https://www.digit.in/laptops/lenovo-ideapad-ga...
```

```
[29]: Laptop_name=[]
Operating_system=[]
Processor_model_name=[]
Storage_drive_capacity=[]
Price=[]
```

```
[30]: for url in product_urls:
    driver.get(url)
    time.sleep(3)
    try:
        laptop_names=driver.find_element(By.XPATH, '/html/body/div[2]/div[3]/
↳div[1]/div/div/div/div/div[2]/div[1]/div[1]/h1')
        Laptop_name.append(laptop_names.text)
    except NoSuchElementException:
        Laptop_name.append('-')
    try:
        operating_system=driver.find_element(By.XPATH, '/html/body/div[2]/div[3]/
↳div[1]/div/div/div/div/div[2]/div[1]/div[4]/div[3]/div/div/ul/li[1]/div/p[2]/
↳strong')
        Operating_system.append(operating_system.text)
    except NoSuchElementException:
        Operating_system.append('-')
    try:
        processor_model_name=driver.find_element(By.XPATH, '/html/body/div[2]/
↳div[3]/div[1]/div/div/div/div/div[2]/div[1]/div[4]/div[3]/div/div/ul/li[2]/
↳div/p[2]/strong')
        Processor_model_name.append(processor_model_name.text)
    except NoSuchElementException:
        Processor_model_name.append('-')
    try:
        rom=driver.find_element(By.XPATH, '/html/body/div[2]/div[3]/div[1]/div/
↳div/div/div/div[2]/div[1]/div[4]/div[3]/div/div/ul/li[3]/div/p[2]/strong')
        Storage_drive_capacity.append(rom.text)
    except NoSuchElementException:
        Storage_drive_capacity.append('-')
    try:
```

```

        price=driver.find_element(By.XPATH, '//*[@class="cegg-price-row"]//
↪div[1]')
        Price.append(price.text)
    except NoSuchElementException:
        Price.append('-')

```

```
[31]: print(len(Laptop_name),len(Operating_system),len(Processor_model_name),len(Storage_drive_capac
```

```
8 8 8 8 8 8
```

```
[32]: import pandas as pd
df=pd.DataFrame({'laptop_name':Laptop_name, 'Operating_system':
↪Operating_system, 'processor_model':Processor_model_name, 'Rom':
↪Storage_drive_capacity, 'price':Price, 'product_urls':product_urls})
df
```

```
[32]:
laptop_name Operating_system \
0  Lenovo IdeaPad Gaming 3 82K200X3IN Ryzen 7-580... Windows 11 Home
1  Dell New G15-5515 D560805WIN9W Ryzen 5-5600H (... Windows 10
2  HP Pavilion Gaming 15-Ec2145AX Ryzen 5-5600H (... Windows 11 Home
3  - -
4  Lenovo IdeaPad Gaming 3 82K200X3IN Ryzen 7-580... Windows 11 Home
5  Dell New G15-5515 D560805WIN9W Ryzen 5-5600H (... Windows 10
6  HP Pavilion Gaming 15-Ec2145AX Ryzen 5-5600H (... Windows 11 Home
7  - -
```

```

processor_model Rom price \
0  5th Gen AMD Ryzen 7-5800 512 GB Rs. 84,990
1  AMD Ryzen 5-5600H 512 GB Rs. 78,490
2  AMD Ryzen 5 5600H 512 GB out of stock
3  - - -
4  5th Gen AMD Ryzen 7-5800 512 GB Rs. 84,990
5  AMD Ryzen 5-5600H 512 GB Rs. 78,490
6  AMD Ryzen 5 5600H 512 GB out of stock
7  - - -

```

```

product_urls
0  https://www.digit.in/laptops/lenovo-ideapad-ga...
1  https://www.digit.in/laptops/dell-new-g15-5515...
2  https://www.digit.in/laptops/hp-pavilion-gamin...
3  https://www.digit.in/laptops/lenovo-ideapad-ga...
4  https://www.digit.in/laptops/lenovo-ideapad-ga...
5  https://www.digit.in/laptops/dell-new-g15-5515...
6  https://www.digit.in/laptops/hp-pavilion-gamin...
7  https://www.digit.in/laptops/lenovo-ideapad-ga...

```

- 7 7. Write a python program to scrape the details for all billionaires from [www.forbes.com](http://www.forbes.com). Details to be scrapped: “Rank”, “Name”, “Net worth”, “Age”, “Citizenship”, “Source”, “Industry”.

```
[60]: from selenium import webdriver
import time
from selenium.common.exceptions import NoSuchElementException # importing
↳exception
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
```

```
[61]: driver=webdriver.Chrome()
```

```
[62]: driver.get("https://www.forbes.com/billionaires/")
```

```
[109]: Rank=[]
Name=[]
Net_worth=[]
Age=[]
Source=[]
Industry=[]
```

```
[116]: Rank_tags=driver.find_elements(By.XPATH, '//div[@class="Table_rank___YBhk_
↳Table_dataCell__2QCve"]')
for i in Rank_tags:
    titles=i.text
    Rank.append(titles)
networth=driver.find_elements(By.XPATH, '//div[@class="Table_netWorth___L4R5_
↳Table_dataCell__2QCve"]')
for i in networth:
    worth=i.text
    Net_worth.append(worth)
source_tags=driver.find_elements(By.XPATH, '//
↳div[@class="Table_dataCell__2QCve"]//span')
for i in source_tags:
    source=i.text
    Source.append(source)
```

```
[112]: Name_tags=driver.find_elements(By.XPATH, '//div[@class="Table_dataCell__2QCve"]')
for i in Name_tags:
    name=i.text
    Name.append(name)
age_tags=driver.find_elements(By.XPATH, '//div[@class="Table_dataCell__2QCve"]')
for i in age_tags:
```



```

    age=i.text
    Age.append(age)
industry_tags=driver.find_elements(By.XPATH,'//
↳div[@class="Table_dataCell__2QCve"] ')
for i in industry_tags:
    industry=i.text
    Industry.append(industry)

```

```
[117]: print(len(Rank),len(Name),len(Net_worth),len(Age),len(Industry),len(Source))
```

800 800 800 800 800 800

```
[119]: import pandas as pd
df=pd.DataFrame({'rank': Rank,'name':Name,'net_worth':Net_worth,'age':
↳Age,'industry':Industry,'source':Source})
df
```

```
[119]:
```

	rank	name	net_worth	age	\
0	1	Bernard Arnault & family	\$211 B	Bernard Arnault & family	
1	2	74	\$180 B	74	
2	3	LVMH	\$114 B	LVMH	
3	4	Fashion & Retail	\$107 B	Fashion & Retail	
4	5	Elon Musk	\$106 B	Elon Musk	
..	...	...	...	...	
795	195	Food & Beverage	\$9.6 B	Food & Beverage	
796	195	Valerie Mars	\$9.6 B	Valerie Mars	
797	195	64	\$9.6 B	64	
798	195	Candy, pet food	\$9.6 B	Candy, pet food	
799	195	Food & Beverage	\$9.6 B	Food & Beverage	

  

	industry	source
0	Bernard Arnault & family	LVMH
1	74	Tesla, SpaceX
2	LVMH	Amazon
3	Fashion & Retail	Oracle
4	Elon Musk	Berkshire Hathaway
..	...	...
795	Food & Beverage	Solar panels
796	Valerie Mars	Chemicals
797	64	Candy, pet food
798	Candy, pet food	Candy, pet food
799	Food & Beverage	Candy, pet food

[800 rows x 6 columns]

## 8. Write a program to extract at least 500 Comments, Comment upvote and time when comment was posted from any YouTube Video

```
[120]: from selenium import webdriver
import time
from selenium.common.exceptions import NoSuchElementException # importing
↳ exception
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
```

```
[121]: driver=webdriver.Chrome()
```

```
[122]: driver.get("https://www.youtube.com/watch?v=Y9253_M38Xk")
```

```
[130]: comment=[]
time_comment=[]
```

```
[131]: comment_tags=driver.find_elements(By.XPATH, '//div[@class="style-scope_
↳ ytd-expander"]')
for i in comment_tags:
    tags=i.text
    comment.append(tags)
time_tags=driver.find_elements(By.XPATH, '//a[@class="yt-simple-endpoint_
↳ style-scope yt-formatted-string"]')
for i in time_tags:
    time=i.text
    time_comment.append(time)
```

```
[132]: print(len(comment),len(time_comment))
```

501 501

```
[133]: import pandas as pd
df=pd.DataFrame({'comment':comment,'time_comment':time_comment})
df
```

```
[133]:                                     comment \
0
1    KukuFM Download Link - https://kukufm.sng.link...
2    This is one of the most informative and eye-op...
3    Amazing video! We want more educated people li...
4    Jo aaj ki government ka haal. Aise halato mai ...
..
496
```

```

497 Dhruv rathi sir & Vijeta dahiya sir both are ...
498           The editing team is just fire
499           Good work
500 I had been waiting for this video for a long t...

```

```

                                time_comment
0                                Dhruv Rathee
1                                17 hours ago
2    https://kukufm.sng.link/Apxsi/1ocn/9n2s
3                                1 hour ago
4                                36 minutes ago
..                                ...
496                               20 minutes ago
497                               1 hour ago
498                               1 hour ago
499                               19 minutes ago
500                               1 hour ago

```

[501 rows x 2 columns]

- 9 9. Write a python program to scrape a data for all available Hostels from <https://www.hostelworld.com/> in “London” location. You have to scrape hostel name, distance from city centre, ratings, total reviews, overall reviews, privates from price, dorms from price, facilities and property description.

```

[134]: from selenium import webdriver
import time
from selenium.common.exceptions import NoSuchElementException # importing_
↳exception
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By

```

```

[140]: driver=webdriver.Chrome()

```

```

[141]: driver.get("https://www.hostelworld.com/")

```

```

[143]: hotel_name=driver.find_element(By.XPATH,"/html/body/div[3]/div/div/div[2]/
↳div[2]/div[2]/div/div[2]/div/div/div[2]/div/div[1]/div/div[1]/div/div/div[2]/
↳input")
hotel_name.send_keys('london')

```

```
[158]: # scrape all product urls
product_urls=[]
start=0
end=1
for page in range(start,end):
    url=driver.find_elements(By.XPATH,'//div[@class="property-card"]/a')
    for i in url:
        product_urls.append(i.get_attribute('href'))
    time.sleep(2)
```

```
[159]: print(len(product_urls))
```

33

```
[160]: import pandas as pd
df=pd.DataFrame({'product_url':product_urls})
df
```

```
[160]:
```

	product_url
0	https://www.hostelworld.com/pwa/hosteldetails...
1	https://www.hostelworld.com/pwa/hosteldetails...
2	https://www.hostelworld.com/pwa/hosteldetails...
3	https://www.hostelworld.com/pwa/hosteldetails...
4	https://www.hostelworld.com/pwa/hosteldetails...
5	https://www.hostelworld.com/pwa/hosteldetails...
6	https://www.hostelworld.com/pwa/hosteldetails...
7	https://www.hostelworld.com/pwa/hosteldetails...
8	https://www.hostelworld.com/pwa/hosteldetails...
9	https://www.hostelworld.com/pwa/hosteldetails...
10	https://www.hostelworld.com/pwa/hosteldetails...
11	https://www.hostelworld.com/pwa/hosteldetails...
12	https://www.hostelworld.com/pwa/hosteldetails...
13	https://www.hostelworld.com/pwa/hosteldetails...
14	https://www.hostelworld.com/pwa/hosteldetails...
15	https://www.hostelworld.com/pwa/hosteldetails...
16	https://www.hostelworld.com/pwa/hosteldetails...
17	https://www.hostelworld.com/pwa/hosteldetails...
18	https://www.hostelworld.com/pwa/hosteldetails...
19	https://www.hostelworld.com/pwa/hosteldetails...
20	https://www.hostelworld.com/pwa/hosteldetails...
21	https://www.hostelworld.com/pwa/hosteldetails...
22	https://www.hostelworld.com/pwa/hosteldetails...
23	https://www.hostelworld.com/pwa/hosteldetails...
24	https://www.hostelworld.com/pwa/hosteldetails...
25	https://www.hostelworld.com/pwa/hosteldetails...
26	https://www.hostelworld.com/pwa/hosteldetails...
27	https://www.hostelworld.com/pwa/hosteldetails...

```

28 https://www.hostelworld.com/pwa/hosteldetails...
29 https://www.hostelworld.com/pwa/hosteldetails...
30 https://www.hostelworld.com/pwa/hosteldetails...
31 https://www.hostelworld.com/pwa/hosteldetails...
32 https://www.hostelworld.com/pwa/hosteldetails...

```

```

[163]: hostel_name=[]
distance_from_city_centre=[]
ratings=[]
total_reviews=[]
privates_from_price=[]
dorms_from_price=[]
facilities=[]
property_description=[]

```

```

[164]: for url in product_urls:
        driver.get(url)
        time.sleep(2)
        try:
            names=driver.find_element(By.XPATH, '/html/body/div[3]/div/div/div[2]/
↪section/div[4]/div/div[1]/h1/div')
            hostel_name.append(names.text)
        except NoSuchElementException:
            hostel_name.append('-')
        try:
            distance=driver.find_element(By.XPATH, '/html/body/div[3]/div/div/div[2]/
↪section/div[4]/div/div[1]/div/div')
            distance_from_city_centre.append(distance.text)
        except NoSuchElementException:
            distance_from_city_centre.append('-')
        try:
            rate=driver.find_element(By.XPATH, '/html/body/div[3]/div/div/div[2]/
↪section/div[8]/div/div[1]/div[1]/div[1]')
            ratings.append(rate.text)
        except NoSuchElementException:
            ratings.append('-')
        try:
            review=driver.find_element(By.XPATH, '/html/body/div[3]/div/div/div[2]/
↪section/div[8]/div/div[1]/div[1]/div[2]/div[2]')
            total_reviews.append(review.text)
        except NoSuchElementException:
            total_reviews.append('-')
        try:
            private=driver.find_element(By.XPATH, '/html/body/div[3]/div/div/div[2]/
↪section/div[10]/div/div/section/div/div/div[2]/div[1]/div[2]/div[1]/div[2]/
↪div[1]/div/div[1]/div[2]/div[1]')
            privates_from_price.append(private.text)

```

```

except NoSuchElementException:
    privates_from_price.append('-')
try:
    dorms=driver.find_element(By.XPATH, '/html/body/div[3]/div/div/div[2]/
↪section/div[10]/div/div/section/div/div/div[2]/div[2]/div[2]/div[1]/div[2]/
↪div[1]/div/div[1]/div[2]/div[1] ')
    dorms_from_price.append(dorms.text)
except NoSuchElementException:
    dorms_from_price.append('-')
try:
    faci=driver.find_element(By.XPATH, '/html/body/div[3]/div/div/div[2]/
↪section/div[12]/div/ul/li[1]/ul')
    facilities.append(faci.text)
except NoSuchElementException:
    facilities.append('-')
try:
    description=driver.find_element(By.XPATH, '/html/body/div[3]/div/div/
↪div[2]/section/div[8]/div/div[2]/div[3]/div/div[2] ')
    property_description.append(description.text)
except NoSuchElementException:
    property_description.append('-')

```

```
[165]: print(len(hostel_name),len(distance_from_city_centre),len(ratings),len(total_reviews),len(priv
```

```
33 33 33 33 33 33 33 33
```

```

[171]: import pandas as pd
df=pd.DataFrame({'hostel_name':hostel_name,'distance_from_city_sentre':
↪distance_from_city_centre,'rating':ratings,'total_reviews':
↪total_reviews,'private_from_price':privates_from_price,'dorms_from_price':
↪dorms_from_price,'facilities':facilities,'property_description':
↪property_description})
df

```

```

[171]:
0          Wombat's City Hostel London
1      Palmers Lodge - Swiss Cottage
2          St Christopher's Village
3          Wombat's City Hostel London
4      Palmers Lodge - Swiss Cottage
5          -
6          NX London Hostel
7      Onefam Notting Hill
8      Urbany Hostel London
9          Onefam Waterloo
10         No.8 Seven Sisters
11         Astor Hyde Park

```

12	Safestay London Elephant & Castle
13	Astor Museum Inn
14	No.8 Willesden Hostel London
15	Smart Hyde Park Inn Hostel
16	Smart Russell Square Hostel
17	Safestay London Kensington Holland Park
18	Clink261
19	Hostelle - women only hostel London
20	Queen Elizabeth Chelsea
21	Prime Backpackers Angel
22	YHA London Oxford Street
23	London Backpackers
24	Kabannas London St Pancras
25	St Christopher's Hammersmith
26	Astor Victoria
27	Astor Kensington
28	Phoenix Hostel
29	St Christopher's Camden
30	St Christopher's Inn - Liverpool Street
31	St Christopher's Shepherds Bush
32	YHA London St Pauls

	distance_from_city_sentre	rating \
0	7 Dock Street, London, England	9.1
1	40 College Crescent, Swiss Cottage, London, En...	8.8
2	165 Borough High Street, London, England	7.8
3	7 Dock Street, London, England	9.1
4	40 College Crescent, Swiss Cottage, London, En...	8.8
5	-	-
6	323 New Cross Road, London, England	8.9
7	63 Prince's Square, London, England	9.6
8	48-49 Princes Square, Paddington, London, England	9.5
9	73 Lambeth Walk, London, London, England	9.6
10	618 Seven Sisters Rd, Seven Sisters, London, E...	7.8
11	191 Queensgate, South Kensington, London, England	8.2
12	144-152 Walworth Road, London, England	7.3
13	27 Montague Street, Bloomsbury, London, England	8.4
14	305 High Rd, Willesden, London, England	7.2
15	48 - 50 Inverness Terrace, Bayswater, London, ...	7.8
16	71 Guilford Street, London, England	7.5
17	Holland Park Ave, Holland Walk, London, England	6.9
18	261-265 Grays Inn Road, Kings Cross, London, E...	8.1
19	458 Bethnal Green road, London, England	8.8
20	58 Bagleys Lane, London, England	7.4
21	333 City Road, 333 City Road, London, England	8.7
22	14 Noel Street, Soho, W1F 8GJ, London, England	9.0
23	8/10 Queens Parade, Queens Road, Hendon Centra...	8.0

24	79-81 Euston Road, London, England	8.2
25	28, Hammersmith Broadway, Hammersmith, London,...	7.6
26	73 Belgrave Road, Victoria, London, England	7.3
27	45 Queensborough Terrace, Bayswater, London, E...	8.4
28	6 Darent Street, London, England	6.3
29	48-50 Camden High Street, Camden NW1, London, ...	7.2
30	52 Wilson Street, Finsbury, London, England	8.2
31	Belushis Bar, 13-15 Shepherds Bush Green., Lon...	7.7
32	36 Carter Lane, EC4V 5AB, London, England	8.9

	total_reviews	private_from_price	dorms_from_price	\
0	15961 Total Reviews	Rs12232.76	Rs3598.49	
1	15992 Total Reviews	-	-	
2	12893 Total Reviews	-	-	
3	15961 Total Reviews	-	-	
4	15992 Total Reviews	-	-	
5	-	-	-	
6	2165 Total Reviews	-	Rs1421.56	
7	2621 Total Reviews	-	-	
8	1137 Total Reviews	-	-	
9	160 Total Reviews	-	-	
10	4183 Total Reviews	-	-	
11	12338 Total Reviews	-	-	
12	5288 Total Reviews	-	-	
13	9464 Total Reviews	-	-	
14	5209 Total Reviews	-	-	
15	6805 Total Reviews	-	-	
16	10218 Total Reviews	-	-	
17	1793 Total Reviews	-	-	
18	533 Total Reviews	-	-	
19	125 Total Reviews	-	-	
20	3697 Total Reviews	-	-	
21	875 Total Reviews	-	-	
22	4704 Total Reviews	-	-	
23	4569 Total Reviews	-	-	
24	2981 Total Reviews	-	-	
25	4397 Total Reviews	Rs1525.42	-	
26	15106 Total Reviews	-	-	
27	6597 Total Reviews	-	-	
28	4629 Total Reviews	Rs1727.90	-	
29	4141 Total Reviews	-	-	
30	560 Total Reviews	-	-	
31	837 Total Reviews	Rs1487.65	-	
32	2119 Total Reviews	-	-	

	facilities	\
0	Linen Included Free City Maps Free WiFi Free I...	



```

1 -
2     Linen Included Free WiFi Free Internet Access
3 Linen Included Free City Maps Free WiFi Free I...
4 -
5 -
6 Free Breakfast Linen Included Towels Included ...
7 -
8         Linen Included Free WiFi
9     Linen Included Free WiFi Free Internet Access
10         Linen Included Free WiFi
11 Linen Included Free City Maps Free WiFi Free I...
12         Linen Included Free WiFi
13         Linen Included Free City Maps Free WiFi
14         Linen Included Free WiFi
15 -
16 -
17         Linen Included Free WiFi
18         Linen Included Free City Maps Free WiFi
19 Linen Included Free City Maps Free WiFi Free I...
20 -
21 Linen Included Free City Maps Towels Included ...
22         Linen Included Free WiFi
23 Linen Included Free City Maps Free WiFi Free I...
24         Linen Included Free City Maps Free WiFi
25 Linen Included Free City Maps Free WiFi Free I...
26 Linen Included Free City Maps Free WiFi Free I...
27         Linen Included Free City Maps Free WiFi
28 Linen Included Free City Maps Free WiFi Free I...
29 Linen Included Free City Maps Free WiFi Free I...
30 Linen Included Free City Maps Free WiFi Free I...
31         Linen Included Free City Maps Free WiFi
32         Linen Included Free City Maps Free WiFi

```

#### property\_description

```

0 A safe haven in the middle of the metropolis: ...
1 -
2 -
3 A safe haven in the middle of the metropolis: ...
4 -
5 -
6 Welcome to NX London Hostel!\n\nPLEASE READ IN...
7 The perfect place for solo travelers to connec...
8 Welcome to Urbany Hostel London! Ideal for the...
9 Come join us at our newest Onefam location in ...
10 For Great Facilities, Comfort & Affordability ...
11 -
12 -

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13 -  
14 At No.8 we take pride in our Customer Service ...  
15 Smart Hyde Park Inn Hostel is perfectly locate...  
16 -  
17 Safestay Holland Park\n\nSafestay Holland Park...  
18 -  
19 Hostelle is the first and only all-women hoste...  
20 PLEASE NOTE WE ONLY ACCEPT GUESTS FROM THE AGE...  
21 The hostel is housed in a historic building in...  
22 -  
23 IMPORTANT NOTICE: \n\nThis hostel is for 18 - ...  
24 -  
25 -  
26 -  
27 -  
28 The Phoenix Bar & Hostel, housed in a homely E...  
29 -  
30 Our Liverpool Street hostel is the newest of o...  
31 -  
32 -