

Solution File

How to run the program

- 1.Download the zip and extract or use `git clone https://github.com/venuarunv/Scrapping_Task.git`
- 2.Go to the extracted folder/cloned_Folder that contains the python files.
- 3.Copy the path of the folder that contains the file **web_scrape_assignment.py**
- 4.Install the dependencies using command **`pip3 install -r requirements.txt`** or **`pip install -r requirements.txt`**
(It ensures that dependencies or packages to run scrapper is installed.Please ensure that python and pip is installed)
- 5.Run the program using command **`python3 web_scrape_assignment.py`** or **`python web_scrape_assignment.py`** from the path.Program will run and provide the output

Please Refer readme in the git or email @venuarunv@gmail.com incase of any doubts

CMD : **`python web_scrape_assignment.py`**

O/P : Pic as run in desktop

```
C:\ArunVenu\Web Scraper Assignment-20220124T082942Z-001\Web Scraper Assignment\Task>python web_scrape_assignment.py
{
  "Hotel Name": "Kempinski Hotel Bristol Berlin",
  "Address": "Kurfu00fcrstendamm 27, Charlottenburg-Wilmersdorf, 10719 Berlin, Germany",
  "Stars": "ratings_stars_5",
  "Review Points": "8.3",
  "No of Reviews": "1401 reviews",
  "Description": " This 5-star hotel on Berlin\u2019s Kurfu00fcrstendamm shopping street offers elegant rooms, an indoor pool and great public transport links. It is 600 metres from the Ged\u00e4chtniskirche Church and Berlin Zoo. Kempinski Hotel Bristol Berlin offers air-conditioned rooms with large windows, modern bathrooms and international TV channels. Bathrobes are provided. Free WiFi is available in all areas and high-speed WiFi access can be booked at an additional cost. Gourmet cuisine is served in the popular Kempinski Grill. Reinhard's brasserie offer light cuisine and a terrace overlooking Kurfu00fcrstendamm. Guests can enjoy drinks in the Gobelin Halle lounge or in the Bristol Bar. Kempinski Bristol Berlin\u2019s spa includes a sauna, steam room and gym. Massages and beauty treatments can also be booked here. The hotel's business centre can be used free of charge. Uhlandstra\u00dfe Underground Station is just outside the Kempinski\u2019s front door. The KaDeWe shopping mall is 2 stops away. \n \n We speak your language! \nThis property has been on Booking.com since 17 May 2010.\nHotel Rooms: 301, \nHotel Chain:\nKempinski\n",
  "Room Categories": " Suite with Balcony , Classic Double or Twin Room , Superior Double or Twin Room , Deluxe Double Room , Deluxe Business Suite , Junior Suite , Family Room ",
  "Alternative Hotels": " Hotel Adlon Kempinski Berlin 5-star hotel The quintessence of luxury lodging, the Adlon is a legendary 5-star hotel situated in Berlin\u2019s Mitte, beside the Brandenburg Gate. There are 21 people looking at this hotel. Score from 1933 reviews Superb 9.4/10 Book now , Grand Hyatt Berlin 5-star hotel This 5-star hotel has a large rooftop spa and pool with spectacular views of Berlin. There are 8 people looking at this hotel. Score from 1460 reviews Superb 9.1/10 Book now , Sofitel Berlin Kurfu00fcrstendamm 5-star hotel Just 100 metres from the Kurfu00fcrstendamm boulevard, this 5-star design hotel offers air-conditioned rooms, free Wi-Fi and a French restaurant. Guests have free use of the spa and gym. There are 4 people looking at this hotel. Score from 1497 reviews Superb 9/10 Book now , Hilton Berlin Estimated rating: 5/5 This centrally located hotel on Berlin\u2019s historic Gendarmenmarkt Square features luxurious rooms, an exclusive spa and 2 restaurants with stunning views of the German Cathedral. There are 6 people looking at this hotel. Score from 2700 reviews Very good 8.5/10 Book now "
}
```

Output String:

```
{
  "Hotel Name": "Kempinski Hotel Bristol Berlin",
  "Address": "Kurfu00fcrstendamm 27, Charlottenburg-Wilmersdorf, 10719 Berlin, Germany",
  "Stars": "ratings_stars_5",
  "Review Points": "8.3",
  "No of Reviews": "1401 reviews",
  "Description": " This 5-star hotel on Berlin\u2019s Kurfu00fcrstendamm shopping street offers elegant rooms, an indoor pool and great public transport links. It is 600 metres from the Ged\u00e4chtniskirche Church and Berlin Zoo. Kempinski Hotel Bristol Berlin offers air-conditioned rooms with large windows, modern bathrooms and international TV channels. Bathrobes are provided. Free WiFi is available in all areas and high-speed WiFi access can be booked at an additional cost. Gourmet cuisine is served in the popular Kempinski Grill. Reinhard's brasserie offer light cuisine and a terrace overlooking Kurfu00fcrstendamm. Guests can enjoy drinks in the Gobelin Halle lounge or in the Bristol Bar. Kempinski Bristol Berlin\u2019s spa includes a sauna, steam room and gym. Massages and beauty treatments can also be booked here. The hotel's business centre can be used free of charge. Uhlandstra\u00dfe Underground Station is just outside the
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}

Additional Reference

Script web_scrape_from_url.py captures data directly from the website instead of files. Please install requests module to run that script.

It is out of scope of the assignment and is done as part of curiosity.