**DAILY ASSESSMENT FORMAT**

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| **Date:** | **02/06/2020** | **Name:** | **Lavanya B** |
| **Course:** | **Verilog design** | **USN:** | **4al17ec043** |
| **Topic:** | **Verilog HDL basics, verilog testbench code to verify DUT** | **Semester & Section:** | **6th A** |
| **Github Repository:** | **Lavanya-B** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **Report** |

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| **Date:** | **02/06/2020** | **Name:** | **Lavanya B** | |
| **Course:** | **Python** | **USN:** | **4al17ec043** | |
| **Topic:** | **Application 07** | **Semester & Section:** | **6th A** | |
| **AFTERNOON SESSION DETAILS** | | | |
| **Image of session** | | | |
| **Report**  **Application 07: Scrape real estate property data from the web**  **Web scraping is used to collect large information from websites.**  **Application of webscraping**   * **Price Comparison: Services such as ParseHub use web scraping to collect data from online shopping websites and use it to compare the prices of products.** * **Email address gathering: Many companies that use email as a medium for marketing, use web scraping to collect email ID and then send bulk emails.** * **Social Media Scraping: Web scraping is used to collect data from Social Media websites such as Twitter to find out what’s trending.** * **Research and Development: Web scraping is used to collect a large set of data (Statistics, General Information, Temperature, etc.) from websites, which are analyzed and used to carry out Surveys or for R&D.** * **Job listings: Details regarding job openings, interviews are collected from different websites and then listed in one place so that it is easily accessible to the user.**   **Extracting div tags**  **url = "http://kite.com"**  **url\_contents = urllib.request.urlopen(url).read()**  **soup = bs4.BeautifulSoup(url\_contents, "html")**  **div = soup.find("div", {"id": "home-template"})**  **content = str(div)**  **print(content[:50])**  **Library used in webscraping**  **Selenium**  **Beautiful soup**  **Pandas**  **Extracting address and properties**  **Python find will grab the proper collapse and find the address.**  **Extracting elements without unique**  **Prodices the script property, address and some attributes features.**  **Extracting elements and squed the external data**   * **Python dictionary and list will give load to save the extracted data** * **Give the address value** | | | |