**DAILY ASSESSMENT FORMAT**

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| **Date:** | **30-05-2020** | **Name:** | **Bhavith** |
| **Course:** | **Python** | **USN:** | **4AL17EC009** |
| **Topic:** | **Webscraping with python** | **Semester & Section:** | **6th,A** |
| **Github Repository:** | **Bhavith-Online-Courses** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  **Screenshot (121)** |
| **Report – Report can be typed or hand written for up to two pages.**  **Web Scraping with Python**   * **Web scraping, web harvesting, or web data extraction is [data scraping](https://en.wikipedia.org/wiki/Data_scraping" \o "Data scraping) used for [extracting data](https://en.wikipedia.org/wiki/Data_extraction" \o "Data extraction) from [websites](https://en.wikipedia.org/wiki/Website" \o "Website).** * **Web scraping software may access the World Wide Web directly using the [Hypertext Transfer Protocol](https://en.wikipedia.org/wiki/Hypertext_Transfer_Protocol" \o "Hypertext Transfer Protocol), or through a web browser.** * **While web scraping can be done manually by a software user, the term typically refers to automated processes implemented using a [bot](https://en.wikipedia.org/wiki/Internet_bot" \o "Internet bot) or [web crawler](https://en.wikipedia.org/wiki/Web_crawler" \o "Web crawler).** * **It is a form of copying, in which specific data is gathered and copied from the web, typically into a central local [database](https://en.wikipedia.org/wiki/Database" \o "Database) or spreadsheet, for later [retrieval](https://en.wikipedia.org/wiki/Data_retrieval" \o "Data retrieval) or [analysis](https://en.wikipedia.org/wiki/Data_analysis" \o "Data analysis).** * **To extract data using web scraping with python, you need to follow these basic steps:**  1. **Find the URL that you want to scrape.** 2. **Inspecting the Page.** 3. **Find the data you want to extract.** 4. **Write the code.** 5. **Run the code and extract the data.** 6. **Store the data in the required format.** |