**DAILY ASSESSMENT FORMAT**

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| **Date:** | **03/06/2020** | **Name:** | **PADMINI M** |
| **Course:** | **DIGITAL DESIGN USING HDL** | **USN:** | **4AL17EC066** |
| **Topic:** | **EDA Playground Tutorial Demo Video**  **How to Download And Install Xilinx Vivado Design Suite**  **Vivado Design Suite for implementation of HDL code** | **Semester & Section:** | **6th Bsec** |
| **Github Repository:** | **Padmini** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **Report – Report can be typed or hand written for up to two pages.**  EDA Playground gives engineers immediate hands-on exposure to simulating SystemVerilog, Verilog, VHDL, C++/SystemC, and other HDLs. All you need is a web browser. The goal is to accelerate learning of design/testbench development with easier code sharing and simpler access to EDA tools and libraries. |

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| **Date:** | **03/06/2020** | **Name:** | **PADMINI M** | |
| **Course:** | **PYTHON** | **USN:** | **4AL17EC066** | |
| **Topic:** | **scrape Real Estate Property Data from the Web** | **Semester & Section:** | **6th Bsec** | |
| **AFTERNOON SESSION DETAILS** | | | |
| **Image of session** | | | |
| **Report – Report can be typed or hand written for up to two pages.**  In this section we were taught how to scrap data from a real estate website.  Python for Web Scraping?  •Ease of Use:Python is simple to code. You do not have to add semi-colons “;” or curly-braces “{}” anywhere. This makes it less messy and easy to use.  •Large Collection of Libraries:Python has a huge collection of libraries such asNumpy,Matlplotlib,Pandasetc., which provides methods and services for various purposes. Hence, it is suitable for web scraping and for further manipulation of extracted data.  •Dynamically typed:In Python, you don’t have to define datatypes for variables, you can directly use the variables wherever required. This saves time and makes your job faster.  •Easily Understandable Syntax:Python syntax is easily understandable mainly because reading a Python code is very similar to reading a statement in English. It is expressive and easily readable, and the indentation used in Python also helps the user to differentiate between different scope/blocks in the code.  •Small code, large task:Web scraping is used to save time. But what’s the use if you spend more time writing the code? Well, you don’t have to. In Python, you can write small codes to do large tasks. Hence, you save time even while writing the code.  •Community:What if you get stuck while writing the code? You don’t have to worry. Python community has one of the biggest and most active communities, where you can seek help from. | | | |