**DAILY ASSESSMENT FORMAT**

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| **Date:** | **25-05-2020** | **Name:** | **Akshata Madiwalar** |
| **Course:** | **DSP** | **USN:** | **4AL17EC046** |
| **Topic:** | **Introduction to Fourier**  **Series & Fourier Transform,**  ** Fourier Series – Part 1,**  ** Fourier Series – Part 2,**  ** Inner Product in Hilbert**  **Transform,**  ** Complex Fourier Series,**  ** Fourier Series using**  **Matlab.(Use Octave to**  **execute the code)**  ** Fourier Series using**  **python(Experience**  **implementation using**  **Python),**  ** Fourier Series and Gibbs**  **Phenomena Using Matlab** | **Semester & Section:** | **6th sem & A sec** |
| **Github Repository:** | **Akshata-course** |  |  |

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| **FORENOON SESSION DETAILS**  **Report – Report can be typed or hand written for up to two pages.** |
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| **Date:** | **25-05-2020** | **Name:** | **Akshata Madiwalar** | |
| **Course:** | **Python** | **USN:4AL17EC046** |  | |
| **Topic:** | ** Fixing Programming Errors**  ** Application 3: Build a**  **Website Blocker** | **Semester : 6th Section: A sec** |  | |
| **AFTERNOON SESSION DETAILS** | | | |
| **Report – Report can be typed or hand written for up to two pages.**  **Fixing Programming Errors:**  ** Invalid syntax: For example, we need to put proper parenthesis, indentations. “^”**  **indicates where the error is occurring.**  ** Handling exceptions: occurs between the try and except keywords has been executed.**  ** Runtime error: Every other error which is not an invalid syntax error is a Runtime error.**  ** For example: divide by zero, type error, identifier error, trackback error.**  ** After this section, we learnt on how to ask proper questions on errors.**  ** To solve the runtime errors, we can copy paste the error onto the google or if the logic**  **behind the error is known, it can be solved easily by ourselves.**  **Application 3: Building a website blocker:**  ** Python website blocker is to block some certain websites which can distract the user**  **during the specified amount of time.**  ** Every system has host file whether it is Mac, Windows or Linux.**  ** Host file in Mac and Linux: /etc/hosts**  ** Using python file handling manipulation, we will write the hostname in hosts.txt and**  **remove the lines after our working hours.**  ** Windows user need to create a duplicate of OS’s host file. Now provide the path of the**  **duplicate file in hosts\_path mentioned in the script.**  ** After the scheduling process on different operating systems, there are certain set of steps to be followed on desktop to make the website blocker work.**  ** After the settings are completed the system has to get restarted. Finally, the website**  **blocker works.** | | | |
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