**DAILY ASSESSMENT**

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| **Date:** | **26/05/2020** | **Name:** | **Dhavala** |
| **Course:** | **Digital Signal Processing** | **USN:** | **4AL17EC027** |
| **Topic:** | * Fourier Series & Gibbs Phenomena using Python * Fourier Transform * Fourier Transform Derivatives * Fourier Transform and Convolution * Intuition of Fourier Transform and Laplace Transform * Laplace Transform of First order * Implementation of Laplace Transform using Matlab * Applications of Z-Transform * Find the Z-Transform of sequence using Matlab | **Semester & Section:** | **6TH SEM & A Section** |
| **Github Repository:** | **Dhavala27** |  |  |

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| **FORENOON SESSION DETAILS** |
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| **Report** |

**DAILY ASSESSMENT**

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| **Date:** | **26/05/2020** | **Name:** | **Dhavala** |
| **Course:** | **PYTHON** | **USN:** | **4AL17EC027** |
| **Topic:** | * **Application 4: Build a Personal Website with Python and Flask** | **Semester & Section:** | **6TH SEM & A Section** |
| **Github Repository:** | **Dhavala27** |  |  |

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| **AFTERNOON SESSION DETAILS** |
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| **Report** |
| Note on Browser Caching  When we will add CSS styling to the webpage. Sometimes, when you make a change to the CSS file and reload the webpage, the changes are not shown because the browser uses the previous cached styling. If this happens, open the browser in private (incognito) mode and load the webpage there.  How to Install Git  We learn how to deploy the web app into a live server. We will use the Git software for that. Git is a version control system allowing you to upload the project files to a server and helps track your changes while maintaining the web app. Download Git from its official webpage, https://git-scm.com/downloads, and double click for installation. Follow the installation instructions without changing anything.  Troubleshooting  If you deployed your website on Heroku but when you visit the website on the browser you see an error, you probably did something wrong during the deployment. No worries! You can see what you did wrong by looking at the server logs. You can access the server logs by running the following in your terminal: Heroku logs  Graphical User Interfaces with Tkinter  The graphical user interface is a form of user interface that allows users to interact with electronic devices through graphical icons and audio indicator such as primary notation, instead of text-based user interfaces, typed command labels or text navigation.  Tkinter is the standard GUI library for Python. Python when combined with Tkinter provides a fast and easy way to create GUI applications. Tkinter provides a powerful object-oriented interface to the Tk GUI toolkit.  The two main elements of GUI are Window and Widgets  A window is an area on the screen that displays information, with its contents being displayed independently from the rest of the screen.  Interface elements known as graphical control elements, controls or widgets are software components that a computer user interacts with through direct manipulation to read or edit information about an application. Each widget facilitates a specific user -computer interaction.  The Tk () function is used to create a GUI window.  The main loop() function is used to keep GUI window open until user closes window  mandatorily.  To create widgets:  The Button() function is used to implement various kinds of buttons. Buttons can contain text or images, and you can associate a python function or method with each button. When the button is pressed, Tkinter automatically calls that function or method.  The entry() function is used to accept single line text strings from a user.  The text() function is used to display text documents, containing either lain text or formatted text (using different fonts, embedded images, and other embellishments).  The text widget can also be used as a text editor. |