**DAILY ASSESSMENT FORMAT**

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| **Date:** | **26/05/2020** | **Name:** | **PADMINI M** |
| **Course:** | **DIGITAL SIGNAL PROCESSING** | **USN:** | **4AL17EC066** |
| **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 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.** |

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| **Date:** | **26/05/2020** | **Name:** | **PADMINI M** | |
| **Course:** | **PYTHON** | **USN:** | **4AL17EC066** | |
| **Topic:** | **Graphical User Interfaces with**  **Tkinter**  **Interacting with Databases** | **Semester & Section:** | **6th Bsec** | |
| **AFTERNOON SESSION DETAILS** | | | |
| **Image of session** | | | |
| **Report – Report can be typed or hand written for up to two pages.**   * Tkinter is the inbuilt python module that is used to create GUI applications. It is one of the most commonly used modules for creating GUI applications in Python as it is simple and easy to work with. You don’t need to worry about the installation of the Tkinter module separately as it comes with Python already. It gives an object-oriented interface to the Tk GUI toolkit. * Although Tkinter is considered the de-facto Python GUI framework, it’s not without criticism. One notable criticism is that GUIs built with Tkinter look outdated. If you want a shiny, modern interface, then Tkinter may not be what you’re looking for. * The Python programming language has powerful features for databaseprogramming. * Python supports various databases like MySQL, Oracle, Microsoft SQL Server,Sybase,PostgreSQL, MangoDBetc. * Python also supports Data Definition Language (DDL), Data Manipulation Language(DML) and Data Query Statements. * For database programming, the Python DB API is a widely used module thatprovides a database application programming interface. * The data modification clauses in SQLite are INSERT, UPDATE, and DELETE statements. It is used for inserting new rows, updating existing values, or deleting rows from the database. * You can use one or more tables separated by comma to include various conditions using a WHERE clause, but the WHERE clause is an optional part of the SELECT command. * You can fetch one or more fields in a single SELECT command. * You can specify star (\*) in place of fields. In this case, SELECT will return all the fields. * You can specify any condition using the WHERE clause. * You can specify an offset using OFFSET from where SELECT will start returning records. By default, the offset starts at zero. * You can limit the number of returns using the LIMIT attribute. | | | |