**Name: \_\_\_\_Khan Arshad Abdulla\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_20CO24\_\_\_\_\_\_\_\_\_**

**Class : SE-CO Semester : IV Scheme : SBLC-Python Course Code : CSL405**

**Programme :** Computer Engineering **Batch :** 2021 - 2022 **Course : SBLC Python**

**Programming**

|  |  |  |  |  |  |  |  |  |  |
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| **Sr No** | **Experiment Title** | **Page No.** | **Evaluation Parameter** | | | | **Total (15)** | **DOP** | **Sign** |
| **Exec(8)** | **Viva(3)** | **On time(2)** | **Pres.(2)** |
| 1 | 1.1 Write a python program to implement Comments, Datatypes, Expressions, Input and Output Functions. 1.2 Write a python program to implement List, Tuple, Dictionaries and Arrays. |  |  |  |  |  |  | **2/2/2022** |  |
| 2 | 2.1 Write python program to implement the For Loop. 2.2 Write python program to implement Functions. |  |  |  |  |  |  | **2/2/2022** |  |
| 3 | 3.1 Write python program to implement Classes, object, Static method. 3.2 Write a python program to implement Constructors. |  |  |  |  |  |  | **9/2/2022** |  |
| 4 | 4.1 Write python programs to implement Inheritance and Polymorphism with Method overloading and Method Overriding.  4.2 Write python program to implement different types of Exceptions |  |  |  |  |  |  | **21/2/2022** |  |
| 5 | Menu driven program for data structure using built in function for link list, stack and queue. |  |  |  |  |  |  | **7/3/2022** |  |
| 6 | 6.1. Python program to append data to existing file and then display the entire file. 6.2. Python program to count number of lines, words and characters in a file. |  |  |  |  |  |  | **14/3/2022** |  |
| 7 | Write a python program to implement GUI Application using Tkinter. |  |  |  |  |  |  | **28/3/2022** |  |
| 8 | Program to demonstrate CRUD (create, read, update and delete) operations on database (MySQL) using python. |  |  |  |  |  |  | **4/4/2022** |  |
| 9 | Creating web application using Django web framework to demonstrate functionality of user login and registration (also validating user detail using regular expression). |  |  |  |  |  |  | **18/4/2022** |  |
| 10 | Programs on Threading using python. |  |  |  |  |  |  | **5/4/2022** |  |
| 11 | Program to demonstrate use of NumPy: Array objects. |  |  |  |  |  |  | **11/4/2022** |  |
| 12 | Program to demonstrate Data Series and Data Frames using Pandas. |  |  |  |  |  |  | **20/4/2022** |  |
| 1 | Assignment 1 (Presentation) |  |  |  |  |  |  | **19/4/2022** |  |
| 2 | Assignment 2 (Mindmap) |  |  |  |  |  |  | **19/4/2022** |  |
| 1 | Mini Project |  |  |  |  |  |  | **25/4/2022** |  |

Course Owner

(Prof.Tabrez Khan)