**Name of Faculty: Dr Vidhu Kiran Sharma, Assistant Professor of CSE**

**Discipline: Computer Science Engineering**

**Semester: 5th**

**Subject: Python Programming**

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| **S No.** | **List of Experiments** |
| **1** | **Create a program that asks the user to enter their name and their age. Print out a message addressed to them that tells them the year that they will turn 100 years old.** |
| **2** | **Enter the number from the user and depending on whether the number is even or odd, print out an appropriate message to the user.** |
| **3** | **Write a program to compute the GCD of two numbers using Python.** |
| **4** | **Write a program to find Square Root of number.** |
| **5** | **Write a program to find Exponential of number using Python**  **Programming.** |
| **6** | **Write a program to find the maximum of the list of numbers.** |
| **7** | **Write a program to find the value using Linear Search in Python**  **program.** |
| **8** | **Write a program to find the value using Binary Search in Python**  **program.** |
| **9** | **Write a program to sort the list of elements using Selection Sort.** |
| **10** | **Write a program to sort the list of elements using Insertion Sort.** |
| **11** | **Write a program to find word and lines in Command Line Arguments.** |
| **12** | **Write a** [**program to count positive and negative numbers in a list**](https://www.geeksforgeeks.org/python-program-to-count-positive-and-negative-numbers-in-a-list/) |