**LAB TASKS**

**TASK 1: PROJECT PRACTICE**

**TASK2: LAB PRACTICALS AND CODING NINJA ASSIGNMENTS**

**LIST OF PRACTICALS**

**Topics: Searching & Sorting**

1. Write a Python program for sequential search.
2. Write a Python program for binary search for an ordered list.
3. Write a Python Program to find number of swaps required to sort the sequence.
4. Program to find out the number of shifts required to sort an array using insertion sort in python.
5. Write a Python program to sort a list of elements using the selection sort algorithm.
6. Write a Python program to sort a list of elements using the merge sort algorithm.