LAB INDEX

DATA STRUCTURES USING PYTHON

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| Sr.No | Practical Name | Date | Signature |
| 1. | Implement the Various functions of List under the categories:   * Create List * Access List * List Length * Updating a list * Checking operations on List * List Finding Operations * List conversion to Dictionary |  |  |
| 2. | Write programs in python to apply numeric operations on list like   * Average of elements in list * Largest element in the list * Smallest element in the list * Sum of elements in the list * Product of elements in the list * Sort the elements in the list |  |  |
| 3. | Implement Linear search in Python |  |  |
| 4. | Implement Binary search in Python |  |  |
| 5 | Sort the items in the array using Bubble sort |  |  |
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| 12 | WAP to find certain power of a number |  |  |
| 13. | WAP to show implementation of Unordered list (Linked List ) in python |  |  |