

LAB-01

DATA STRUCTURES

1) Output

Enter 1: acc creation

2: Deposit

3: withdrawal

4: bal enq

5: exit

1

Enter account number: 1 2 3 4

Enter balance: 10000

Enter 1: acc creation

2: Deposit

3: withdrawal

4: bal enq

5: exit

2

Enter account number: 1234

Enter balance to be deposited: 10000

Enter 1: acc creation

2: Deposit

3: withdrawal

4: bal enq

5: exit

5

2) Output

Enter the number of strings: 5

Enter 5 strings

hello java world javascript htm

sorted strings lexicographically

hello htm java javascript world

3) Output

Enter order: 2 2

Enter the elements: 1 2 3 4

Enter key: 6

Key not found

4) Output

Enter the array:

1 2 3

4 5 6

7 8 9

Enter the element to search for: 3

Element 3 is present in 2D array

5) Output

Enter no: 6

Enter array elements:

10 7 2 5 3 1

Enter the element to search for

5

Element 5 found at index 2

6) output:

Enter the no of elements in array: 10

Enter the elements

1 10 2 3 5 9 7 6 4 17

Enter the number to be searched:

7

7 is present at index 5.

The search 7 is present 1 times

7) output:

Enter the value of n: 6

Enter the elements

1 2 3 4 5 6

Enter the element to be searched

4

4 is present at index 2

8) output:

Enter the size of array: 5

Enter the array elements:

3 5 9 10 35

minimum: 3

maximum: 35

S.P.