LAB - 1

Data Structures

1) Output :

enter 1 : acc creation
2 : Deposiet
3 : withdrawal
4 : bal enq
5 : exit
1
enter account number : 0111
enter balance : 10000
enter 1 : acc creation
2 : deposit
3 : withdrawal
4 : bal enq
5 : exit
2
enter amount number : 0111
enter amount to be deposited : 5000
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 html

Sorted strings lexicographically :
hello
html

java
javascript
world

3) Output:
Enter order: 2 2
Enter 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: 2
Element 2 is present in the 2D array

5) Output:
Enter n: 6
Enter array elements:
10 7 5 2 8 4
Enter 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 6 7 9 20 3 2 4
Enter the no to be searched: 7
7 is present in the array at index 5
The search number 7 is present 1 times in the array

7) Output:

Enter the value of n : 6

Enter the elements :

1 3 5 7 9 11

Enter the element to be searched (key) :

5

5 is present at index 1

8) Output:

Enter size of the array is : 5

Enter elements : 1 2 35 0 -1

Minimum of an array is : -1

Maximum of an array is : 35