INDIAN SCHOOL MUSCAT
SENIOR SECTION
COMPUTER SCIENCE (083) CLASS XII (2020-2021)
WORKSHEET 6 : DATA STRUCTURE

1   Write a menu (as given below) driven program to implement STACK in Python using List.

   STACK DEMONSTRATION

   1. PUSH

   2. POP

   3. PEEK

   4. SHOW STACK

   0. EXIT

2   Write a program to input the capital of a country and print it in reverse order using stack.

3   Write a program to perform linear search.

4   Write a program to perform binary search.

5   Write a program to perform insertion of an element using

   - Traditional Method

   - Bisect Module.

6   Write a program to perform deletion in linear lists.

7   Write a program to perform

   - Bubble Sort

   - Selection Sort

8   Write a program to accept rows and columns and add elements to a 2D array. Also display it.