INDIAN SCHOOL MUSCAT
SENIOR SECTION
INFORMATICS PRACTICES
CLASS XI (2019-20)
Topic : Python – Strings, Lists & Dictionary
Lab Work Sheet : 8

1. Write a Program that reads a string and checks if it is a Palindrome or not.
2. Write a Program that reads a line and prints the number of upper case letters, lower case letters, alphabets and digits in it.
3. Write a Program to find the largest and smallest numbers in a list.
4. Write a Program to find the second largest number in a list.
5. Write a Program to search for an element in a given list of numbers.
6. Write a Program that takes a value and checks whether the given value is part of given dictionary {0:"Zero",1:"One",2:"Two",3:"Three",4:"Four",5:"Five"} or not. If it is found, print the corresponding key else print an error message.
7. Write a Program to count the frequency of list-elements using a dictionary.