

Assignment – Day 3

1. Find if a list is sorted in increasing order. **[Marks: 3]**

2. Write a program which can generate and print a list and tuple where the value is square of numbers between 1 and 20(both included) **[Marks: 3]**

3. Write a program that accepts a sentence and calculate the number of letters and digits. Example: Suppose the following input is supplied to the program:
hello world! 123!
Then, the output should be:
LETTERS 10
DIGITS 3 **[Marks: 3]**

4. Write a program that can accept two strings as input and print the string with maximum length in console. If two strings have the same length, then the program should print both the strings line by line **[Marks: 3]**

5. Write a program to find Leap year. **[Marks: 3]**