CS3201: OBJECT ORIENTED PROGRAMMING LABORATORY

Topic: Arrays, Strings, Inline Functions, Function Overloading

Lab: 02   **Date: 08/03/2024**

SPOT QUESTIONS

1. Develop a function – "data_manipulate()" for data manipulation tasks. Include functions for converting integers to binary when the argument passed is an integer, converting doubles to scientific notation when the argument passed is of type double *or* float, and converting strings to uppercase when the argument passed is a string.

2. **(Extra Credit)** Write a program to check whether two strings are isomorphic. isomorphic strings are those that possess a one-to-one mapping for every character of string 1 to every character of string 2.
   E.g. Str1 = *abca* and Str2 = *xymx* are isomorphic with *a* mapped to *x*, *b* mapped to *y* and *c* mapped to *m*.