

**Assignment 2**

**Total Marks 100**

**Deadline: 6th Dec, 2021 at 11:59 PM**

**Question 1: Create a class of string data using UML diagram given below. (Marks 70=60 coding and 10 bonus)**

**Hint: You can make deep copy function to apply where needed. Also, you are allowed to make help functions you want.**

**String\_data**

**-data: char\***

**+operator+(const string\_data obj): string\_data**

**+operator <=(const string\_data obj): bool**

**+operator >=(const string\_data obj): bool**

**+operator ==(const string\_data obj): bool**

**+operator >(const string\_data obj): bool**

**+operator <(const string\_data obj): bool**

**+operator !=(const string\_data obj): bool**

**+operator+=(const string\_data obj): string\_data**

**+operator<<(ostream&, string\_data&): ostream constant**

**+operator>>(ostream&, string\_data&): ostream constant**

**Submission Instruction**:

* **Make separate folder of Question with screen shots and submit it in one single folder by your registration number on portal.**
* **Without screen shots question concerned as 0**