

CS140 Homework 5[10 pts]

Due 11.10am Tuesday February 5, 2019

Problem 1

Rewrite the stats class from Prog1c in Lab 1 to be template based. To make things a little easier, delete the min-max computation. N remains an integer but all data references are to be made template based. Test your program for different data types, e.g., int, float and string.

Hint: Replace the `sum=0` initialization with `sum=T()` to automatically obtain the default value of 0 for T being an int, 0.0 for a float and `""` for a string.

Submit a single .cpp program that includes the class definition, the source code implementing it, and a simple driver code that tests it.