

CISC-235*
Winter 2020
Assignment 4
Marking Scheme

Total Marks: 100

Part 1: Converting strings into integers **20 marks**

Implementation **10 marks**

Rationale **10 marks**

Part 2: Experiment 1 (Quadratic Probing) **35 marks**

Implement quadratic probing **15 marks**

Find the smallest table size that achieves the goal, for each value of $d \in \{2, 3, 4, 5\}$ **20 marks**

Part 3: Experiment 2 (Double Hashing) **35 marks**

Same breakdown as Part 2

Part 4: Discussion **10 marks**

Determine whether the experimental results from Parts 2 and 3 support the hypothesis or not