

# CSC343 Worksheet 4 Solution

June 17, 2020

$(1), (6, 4, 16), (7, 9, 16)$

$, 4), (4, 3), (1, 1), (4, 3)$

$, 1), (2, 3), (2, 4), (3, 4)$  **Notes:**

- $\tau_L(R)$  sorts tuples in order indicated by  $L$ .
  - e.g.

$\tau_{C,B}(R)$  in  $R(A, B, C)$  orders the tuples of  $R$  by their values of  $C$ , and tuples with the same  $C$ -value are ordered by their  $B$  value.

$, 4), (2, 5), (3, 4), (3, 4)$

$, 4), (2, 5), (3, 4), (0, 2)$  **Notes:**

- $\delta(R)$  converts a bag into a set
  - e.g.

Let  $R = [(1, 2), (3, 4), (1, 2), (1, 2)]$

$\delta(R(A, B)) = [(1, 2), (3, 4)]$