**CSC3021 Concurrent Programming Assignment 2**

**Question 1: Analysis**

By looking through the code for my current CSR implementation, CSR will have issues with race conditions. This is due to the way that **outdeg** variable is calculated. In CSR, we calculate the **outdeg** variable by doing from the current source vertex to the next source vertex. This could lead to a situation where we suddenly jump to a completely different source vertex which would change the value that is calculated

The current COO implementation will also run into a situation where race conditions exist.