**Advanced Operating Systems Design – Spring 2022**

**Quiz 7**

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (First Last)

Student R#: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Total: 3%)

**Question 1:** (1%) Barrier synchronization

Please explain What is barrier synchronization and How it works.

**Question 2:** (2%) Structured Peer-to-Peer Architectures

Given the P2P network below. Using the Chord Routing, please show the routing table for:

* **Node 1**
* **Node 7**

The routing table should include Start, Interval, Successor, and IP address (for each row)

A picture containing scatter chart

Description automatically generated