**CSE 212 – Programming with Data Structures**

**W05 Prove – Response Document**

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| **Date:** | May 20, 2021 |
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**Question 1: From Part 1, how did you answer the interview question for the Set Operations problem (should be no more than 30 seconds if spoken aloud)?**

Intersection: Create an empty set, then create a for loop to loop through each of the items in the sets given. If both sets have a common item, add that item in the set that was created then return it.

Union: Create two for loops. The first loop will loop through the first provided set then add it in the created empty set. The second loop will loop through the second provided set then add in in the created empty set. Then return the created set.

**Question 2: From Part 2, how did you answer the interview question for the Find Pairs problem (should be no more than 30 seconds if spoken aloud)?**

Remember: You need to submit the following code files in addition to this document:

* 05-prove\_set\_operations.py
* 05-prove\_find\_pairs.py