**CSE 212 – Programming with Data Structures**

**W05 Prove – Response Document**

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| **Date:** | 2/3/21 |
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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)?**

All I have to do is loop through each list one at a time and add each item into a new list. and return the new list

**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)?**

I would make a new set to store variables to check inverses. Then I would loop through the list I was given and check if the item's inverse is in the new list I made for the class. If not i'd add it to the new set. that would go through the code at a 0(n) efficency.

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

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