**CSE 212 – Programming with Data Structures**

**W01 Prove – Response Document**

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| **Date:** | Sept, 2022 |
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**Question 1: For the rotate right problem, provide a description of how you solved the problem.**

Using a for loop counting from 0 to the length of data, I appended each value of data to a new list called result. I determined the index of data by finding the remainder of the difference of counter and amount divided by the length of data. In code it looks like this:

for counter in range(0, len(data):

{

i\_data = (counter – amount) % len(data)

result.append(data[i\_data])

}

**Question 2: For the rotate right problem, draw a picture of how you solved the problem.**

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

* 01-prove\_multiples\_of.py
* 01-prove\_rotate\_list\_right.py