CSE 212 – Programming with Data Structures
W01 Prove – Response Document

Name:	Trevor Gibb
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Teacher:	Zach Alvey

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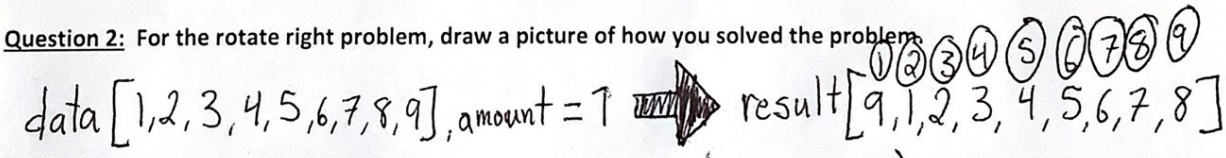
Question 1: For the rotate right problem, provide a description of how you solved the problem.

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

this is because the index of data starts at (counter - amount) % 9, which in this example is (0-1) % 9 = -1. In python, negative indices are accepted.