PS0_Joey_Shin

January 29, 2025

1 1)

```
[1]: print('Joey Shin')
```

```
Joey Shin
```

```
[2]: # pronounced as it is written
     print('Joey')
```

```
Joey
```

```
[3]: print("""I understand that copying code from another student, or any source␣
     ↪other
     than the instructors, is considered cheating in Chem 121. Submitted
     assignments that contain inappropriately shared code will receive a score
     of zero and may be grounds for failing the course.""")
```

```
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than the instructors, is considered cheating in Chem 121. Submitted
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```

2 2)

```
[4]: print(
     """a) I am interested in electronic structure and biological mechanisms and I␣
     ↪hope to find a way to combine
     these two subjects. The most relavent work I found is Energy Decomposition␣
     ↪Analysis, but I hope to learn
     more electronic structure theories and molecular dyamics to explore this area.

     b) I have been interested in exploring RNA and protein-RNA/DNA interactions. I␣
     ↪am also interested
     in modeling common functional groups of enzymatic significance, like Histidine.␣
     ↪I wonder if I can
     break down these systems and make them more approachable. """
     )
```

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these two subjects. The most relavent work I found is Energy Decomposition Analysis, but I hope to learn
more electronic structure theories and molecular dyamics to explore this area.

b) I have been interested in exploring RNA and protein-RNA/DNA interactions. I am also interested
in modeling common functional groups of enzymatic significance, like Histidine. I wonder if I can
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[ ]: