Circuit Simulation Project 1

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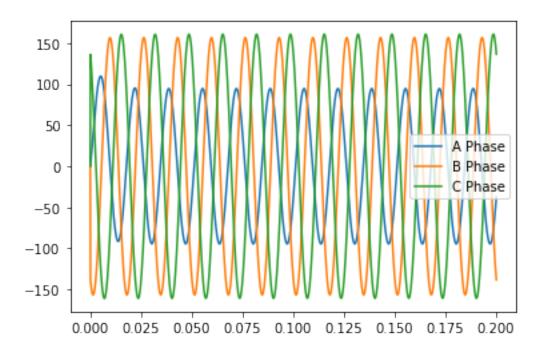
```
[1]: from classes.Settings import Settings
from lib.solve import solve
from matplotlib import pyplot as plt
from lib.parse_json import parse_json
```

1 Part 1: RL Circuit

```
[2]: devices = parse_json('testcases/RL_circuit.json')
   results = solve(devices, Settings(simulationTime=0.2, timestep=0.0001))
```

Circuit has 13 nodes
Total Y matrix size for circuit will be 28

1.0.1 Output Voltage Plot



1.0.2 Output Current Plot

[]: