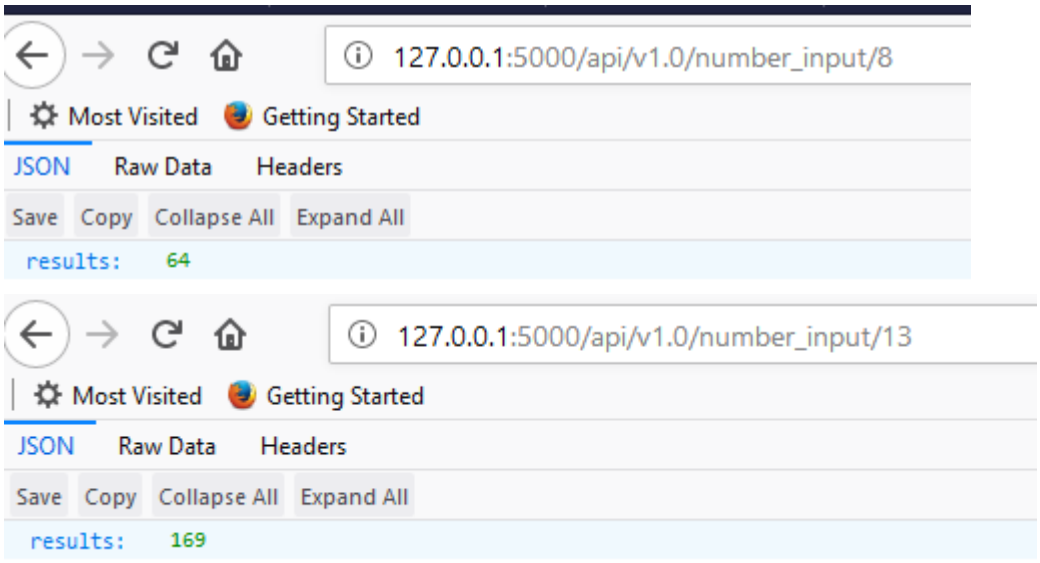
MSDS 7330

Unit 9: Homework

1. Set up and configure InClass Lab #2 (Rest Services) from Unit 9 . Turn in the screenshots of the output from the 2 rest services getCustomerList and getOrderDetails

2. Write a new rest service that takes in a number as input and returns the square of the number as the output. The output of the service must be a json structure, turn in the code and the screenshot

```
@app.route('/api/v1.0/number_input/<int:a>', methods=['POST', 'GET'])
def square(a):
    return jsonify(results=a*a)
```



Additionally , read about the following topics online to get additional background information

- RestServices (https://www.youtube.com/watch?v=LooL6_chvN4 , https://www.infoq.com/articles/rest-introduction#anch15265
- HTTP Get and Post methods (https://www.youtube.com/watch?v=UObINRj2EGY)
- Python Flask Library (https://blog.miguelgrinberg.com/post/designing-a-restful-api-with-python-and-flask)

Feel free to search online for any other useful materials about the above topics and share them on the course wall!