

**Quiz 6A | Name:**

**Instructions:** Please answer the following questions making sure to write your answers legibly. The code below contains routes from a Flask app.

- Since we are writing python code please be careful about spacing / indent. Leave enough room that it is obvious when you want things indented.
- Make sure to write legibly.

```
@app.route( '/api/question2/<int:base>/<int:power>', methods=['GET'])
def calculate_power(base, power):
    # Question #2
    final_result = {'result': base ** power}
    return jsonify(final_result), 200

@app.route('/api/question3/count/<string:text_input>', methods=['GET'])
def count_characters(text_input):
    # Question #3
```

1. (8 Points) Fill in the table below showing what CRUD operations stand for and their corresponding HTTP methods.

Letter	What it stands for	HTTP Method Used
C		
R		
U		
D		

2. (6 Points) Using the code above what will the following GET requests return?

(a) GET: /api/question2/2/3

(b) GET: /api/question2/4/2

3. (5 Points) The 2nd route above counts the number of characters in a string. If a GET request is sent to /api/question3/count/nickross it should return { 'length': 8}, where 8 is the number of characters in nickross. Please complete the function in the space below. You need not repeat the code already written above (or you can).