

In order to do integration testing, we are using postman to send requests to our server. Please find the screenshots below for the same. The two screenshots are for two cases, one with valid request and the other with an invalid request.

The image displays two screenshots of the Postman application interface, illustrating successful and failed API requests.

Top Screenshot (Valid Request):

- Request:** A POST request to `http://0.0.0.0:8000/get_directions` with a body containing valid JSON data:

```
{  "source": "129 Brittany Manor Dr, Amherst, MA, US",  "destination": "136 Gray St, Amherst, MA, US",  "min_max": "max",  "deviation": "125",  "transport": "bike"}
```
- Response:** The status is 200 OK. The response body is a JSON object with the following structure:

```
{  "destination": [    [42.38055235, -72.51197221798244],    "elevation_path_directions": [      [42.349435, -72.52854],      [42.349854, -72.527639],      [42.351557, -72.52788]    ]  }
```

Bottom Screenshot (Invalid Request):

- Request:** A POST request to `http://0.0.0.0:8000/get_directions` with a body containing valid JSON data, but with a typo in the source address:

```
{  "source": "129 Gluttony Manor Dr, Amherst, MA, US",  "destination": "136 Gray St, Amherst, MA, US",  "min_max": "max",  "deviation": "125",  "transport": "bike"}
```
- Response:** The status is 200 OK. The response body is a JSON object with an error message:

```
{  "error": "('Error parsing location into latitude and longitude. Ensure that the location is in a Street Address, City, State, Country format', ValueError('Nominatin could not geocode query `129 Gluttony Manor Dr, Amherst, MA, US`'))"
```