

Software Engineer Python Test

Create a REST endpoint that return the sum of a list of numbers e.g. [1,2,3] => 1+2+3 = 6
You are free to use any Python 3 framework, however, try and keep the usage of the third-party library to a minimum.

The list of numbers is expected to arrive from a backend service and for this test you can hard code the list using the following line.

```
numbers_to_add = list(range(10000001))
```

The url of the endpoint and the sample response is as follows:

Request: *http://localhost:5000/total*

Response:

```
{  
    "total": 6  
}
```

Please provide the source code, tests, documentations and any assumptions you have made.

Note: We are looking for the candidate's "Software Engineering" ability not just the Python programming skills.