

```
In [29]: travel_log = [  
    {  
        "country": "Brazil",  
        "cities_visited": ["Rio de Janeiro", "Natal", "Curitiba"],  
        "total_visits": 12,  
    },  
    {  
        "country": "Germany",  
        "cities_visited": ["Berlin", "Hamburg", "Stuttgart"],  
        "total_visits": 5,  
    },  
]
```

```
In [30]: travel_log[0]
```

```
Out[30]: {'country': 'Brazil',  
          'cities_visited': ['Rio de Janeiro', 'Natal', 'Curitiba'],  
          'total_visits': 12}
```

```
In [31]: travel_log[0]['cities_visited']
```

```
Out[31]: ['Rio de Janeiro', 'Natal', 'Curitiba']
```

```
In [32]: travel_log[0]['cities_visited'][0]
```

```
Out[32]: 'Rio de Janeiro'
```

```
In [ ]:
```

## Function to Add Data into a Dictionary

```
In [34]: def add_new_country(country, visits, input_list):  
    travel_log.append(  
        {"country": country,  
         "visits": visits,  
         "cities": input_list}  
    )
```

```
In [35]: import json  
  
add_new_country("Russia", 2, ["Moscow", "Saint Petersburg"])  
print(json.dumps(travel_log, sort_keys=True, indent=4))
```

```
[
  {
    "cities_visited": [
      "Rio de Janeiro",
      "Natal",
      "Curitiba"
    ],
    "country": "Brazil",
    "total_visits": 12
  },
  {
    "cities_visited": [
      "Berlin",
      "Hamburg",
      "Stuttgart"
    ],
    "country": "Germany",
    "total_visits": 5
  },
  {
    "cities": [
      "Moscow",
      "Saint Petersburg"
    ],
    "country": "Russia",
    "visits": 2
  }
]
```

In [ ]: