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Course: Python

Topic: geocoding

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* Geo coding request and response (latitude/longitude lookup) The following example requests the latitude and longitude of "1600 Amphitheatre parkway, Mountain View CA", and specifies that the op must be in JSON format you can test this by entering the URL into the web browser.

* Below is the sample geocoding response in JSON

```
{  
  "result": [  

```

```
    {  
      "address_components": [  

```

```
        {  
          "long_name": "1600",  

```

```
          "short_name": "1600",  

```

```
          "types": ["street-no"]  
        },  

```

```
        {  
          "long_name": "Amphitheatre parkway",  

```

```
          "short_name": "Amphitheatre pkwy",  

```

```
          "types": ["route"]  
        },  

```

```
        {  
          "long_name": "Santa Clara County",  

```

"short-name": "sakta daro Country";

"types": ["Administrative - area - level - 2", "political"]

{,

formatted_address": "1600 Amphiteatre Hwy, USA",

"geometry": {

"location": {

"lat": 37.4267861,

"lng": 122.0792542197085

{,

"southwest": {

"lat": 37.4254371197085;

"lng": 122.081951802915

{

{

{

};

"place_id": "ChIJt4uUOV25jkYgE";

"plus-code": {}.

"compound-code": "CWCB+R3 Mountain view";

"global-code": "894CWCB + B3.

{,

* Same way Reverse geocoding request and response.

The following example code will be as same as JSON