**Python Requests Module**

**Example**

Make a request to a web page, and print the response text:

import requests  
  
x = requests.get('https://w3schools.com/python/demopage.htm')  
  
print(x.text)

**Definition and Usage**

The requests module allows you to send HTTP requests using Python.

The HTTP request returns a [Response Object](https://www.w3schools.com/python/ref_requests_response.asp) with all the response data (content, encoding, status, etc).

**Download and Install the Requests Module**

Navigate your command line to the location of PIP, and type the following:

C:\Users\*Your Name*\AppData\Local\Programs\Python\Python36-32\Scripts>pip install requests

**Syntax**

requests.*methodname(params)*

**Methods**

|  |  |
| --- | --- |
| **Method** | **Description** |
| [delete(*url*, *args*)](https://www.w3schools.com/python/ref_requests_delete.asp) | Sends a DELETE request to the specified url |
| [get(*url*, *params, args*)](https://www.w3schools.com/python/ref_requests_get.asp) | Sends a GET request to the specified url |
| [head(*url*, *args*)](https://www.w3schools.com/python/ref_requests_head.asp) | Sends a HEAD request to the specified url |
| patch(*url*, *data, args*) | Sends a PATCH request to the specified url |
| [post(*url*, *data, json, args*)](https://www.w3schools.com/python/ref_requests_post.asp) | Sends a POST request to the specified url |
| put(*url*, *data, args*) | Sends a PUT request to the specified url |
| request(*method*, *url*, *args*) | Sends a request of the specified method to the specified url |