API Assignment

I used curl to test the NASA Astronomy Picture of the Day (APOD) API. This is the result:

Command:

C:\Users\Ayoola>curl -v

https://api.nasa.gov/planetary/apod?api_key=3b5rdSMkwtwFK9FjXH1fJwvPmevFJcfHNdar7TcB

Result:

* Host api.nasa.gov:443 was resolved.

* IPv6: (none)

* IPv4: 15.200.220.199, 3.30.36.51

*   Trying 15.200.220.199:443...

* schannel: disabled automatic use of client certificate

* ALPN: curl offers http/1.1

* ALPN: server accepted http/1.1

* Connected to api.nasa.gov (15.200.220.199) port 443

* using HTTP/1.x

> GET /planetary/apod?api_key=3b5rdSMkwtwFK9FjXH1fJwvPmevFJcfHNdar7TcB HTTP/1.1

> Host: api.nasa.gov

> User-Agent: curl/8.12.1

> Accept: */*

>

* Request completely sent off

* schannel: remote party requests renegotiation

* schannel: renegotiating SSL/TLS connection

* schannel: SSL/TLS connection renegotiated

< HTTP/1.1 200 OK

< Date: Sat, 31 May 2025 13:06:12 GMT

< Content-Type: application/json

< Content-Length: 1060

< Connection: keep-alive

< Vary: Accept-Encoding

< Access-Control-Allow-Origin: *

< Access-Control-Expose-Headers: X-RateLimit-Limit, X-RateLimit-Remaining

< Age: 0

< Strict-Transport-Security: max-age=31536000; includeSubDomains; preload

< Vary: Accept-Encoding

< Via: https/1.1 api-umbrella (ApacheTrafficServer [cMsSf])

< X-Api-Umbrella-Request-Id: cn4ppisdierq9u1dhdv0

< X-Cache: MISS

< X-Content-Type-Options: nosniff

< X-Ratelimit-Limit: 2000

< X-Ratelimit-Remaining: 1998

< X-Vcap-Request-Id: df97db8f-fd75-4ca3-7545-373bb32c4fec

< X-Xss-Protection: 1; mode=block

< X-Frame-Options: DENY

<

{"copyright":"Marcella Giulia Pace","date":"2025-05-31","explanation":"On May 7, the Sun setting behind a church bell tower was captured in this filtered and manipulated digital skyscape from Ragusa, Sicily, planet Earth. In this version of the image the colors look bizarre. Still, an intriguing optical illusion known as an afterimage can help you experience the same scene with a more natural looking appearance. To try it, find the sunspots of active region AR4079 grouped near the bottom of the blue solar disk. Relax and stare at the dark sunspot

group for about 30 seconds, then close your eyes or shift your gaze to a plain white surface. In a moment an afterimage of the sunset should faintly appear. But the afterimage sunset will have this image's complementary colors and a more normal yellow Sun against a familiar blue sky.","hdurl":"https://apod.nasa.gov/apod/image/2505/Afterimageorizontal.jpeg","media_type":"image","service_version":"v1","title":"Afterimage Sunset","url":"https://apod.nasa.gov/apod/image/2505/Afterimageorizontalcrop.jpeg"}

* Connection #0 to host api.nasa.gov left intact

The image: