2020

DAY 1 ASSIGNMENT

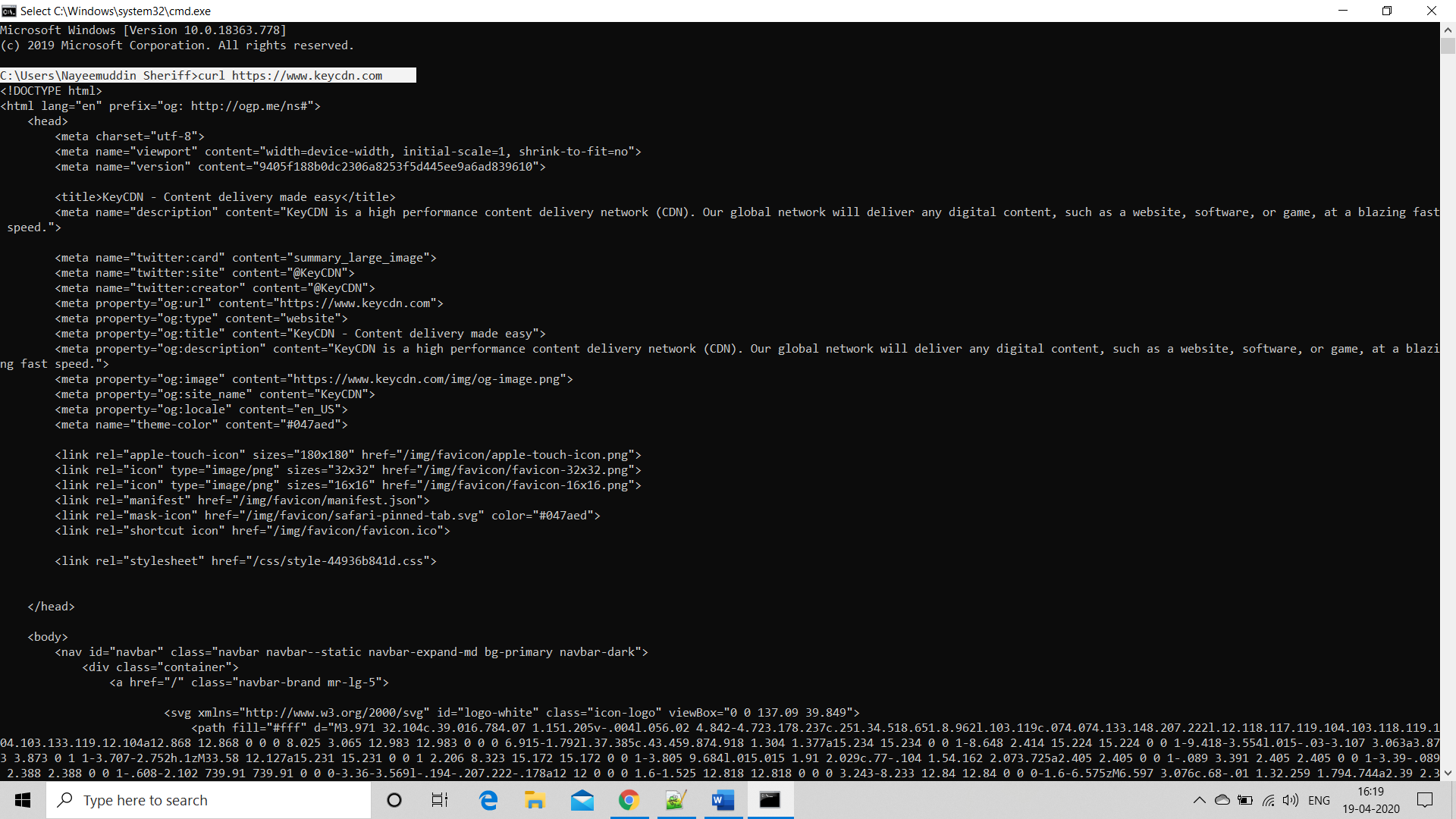
Nayeemuddin Sheriff

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| HTTP v1.1 | HTTP v2 |
| Developed by Timothy Berners-Lee in 1989 as a communication standard for the World Wide Web | Developed primarily at Google with the intention of reducing web page load latency |
| It will process one request at a time. | It will process multiple request at a time. |
| Acknowledgement is necessary in order to process second request. | Acknowledgement is not necessary, as it can send multiple request and can receive multiple acknowledgement. |
| It uses HTTP as protocol. | It uses SPDY Protocol. |
| It uses text-based commands to complete HTTP requests. | It uses binary commands (1s and 0s) to complete HTTP requests. |
| Processing speed for a request is slow | It loads the web content 14.03% faster. |

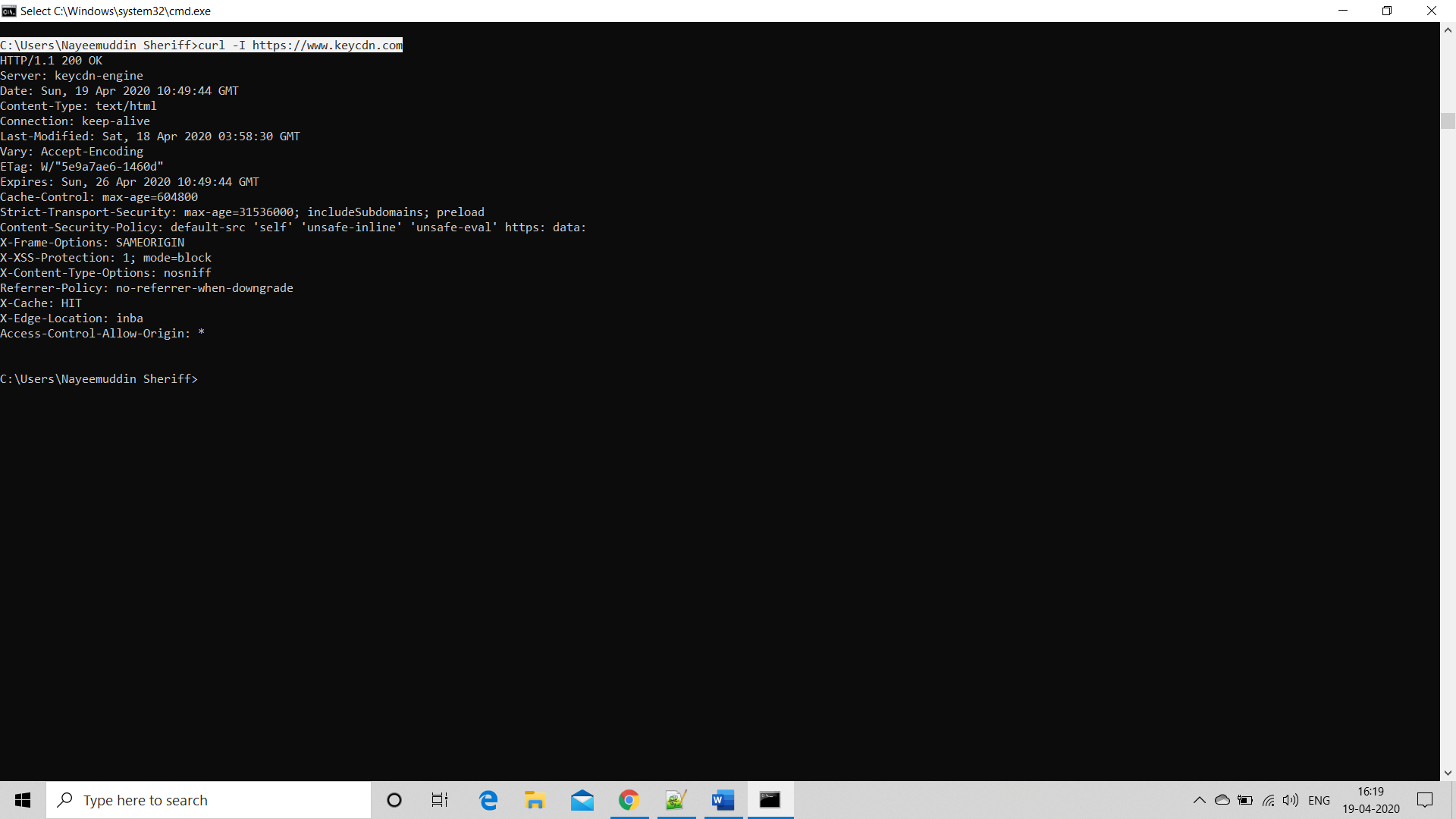
# HTTP v1.1 vs HTTP v2

# CURL Sample

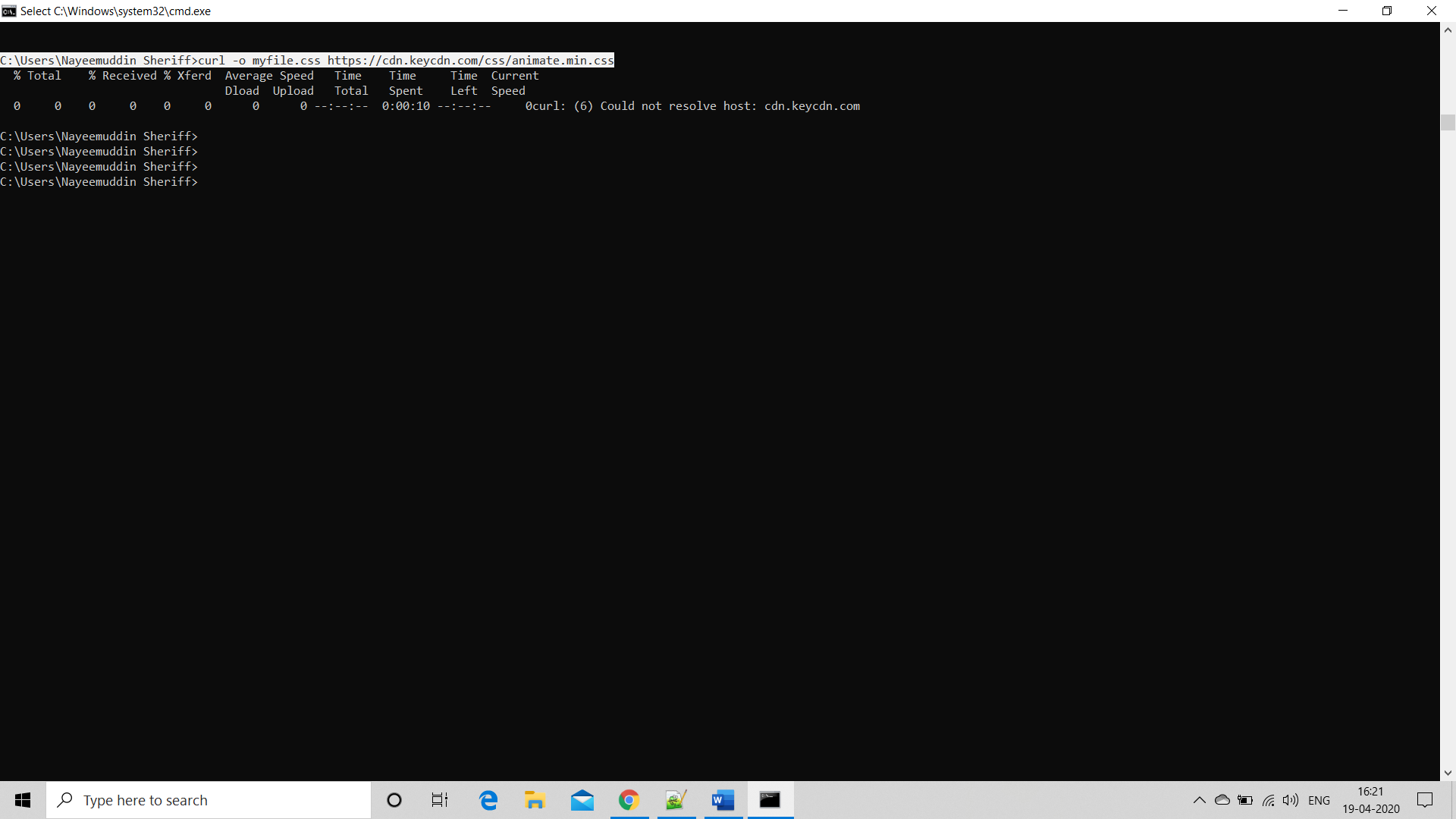
1. HTTP GET request



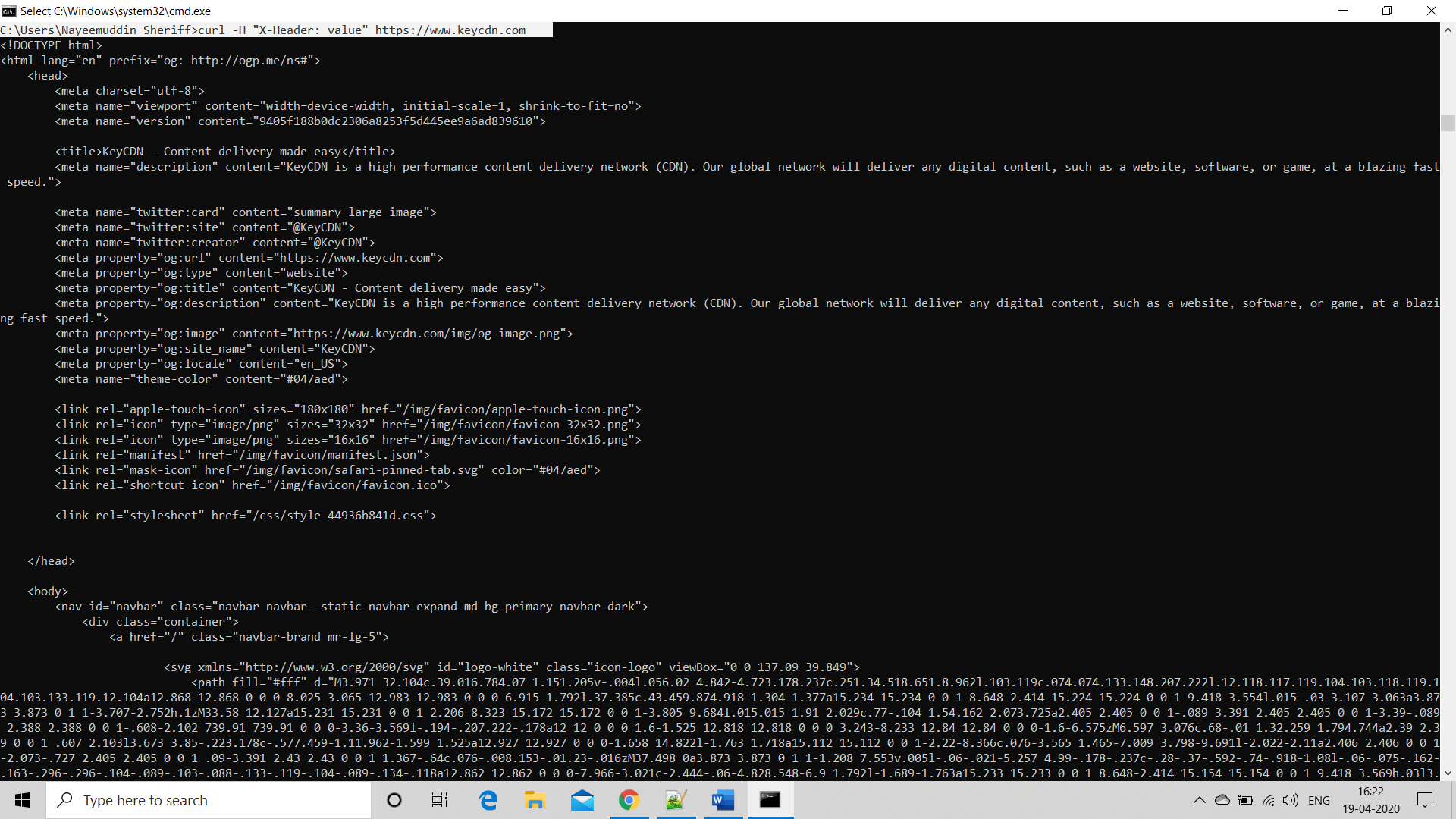
1. Returning only the HTTP headers of a URL



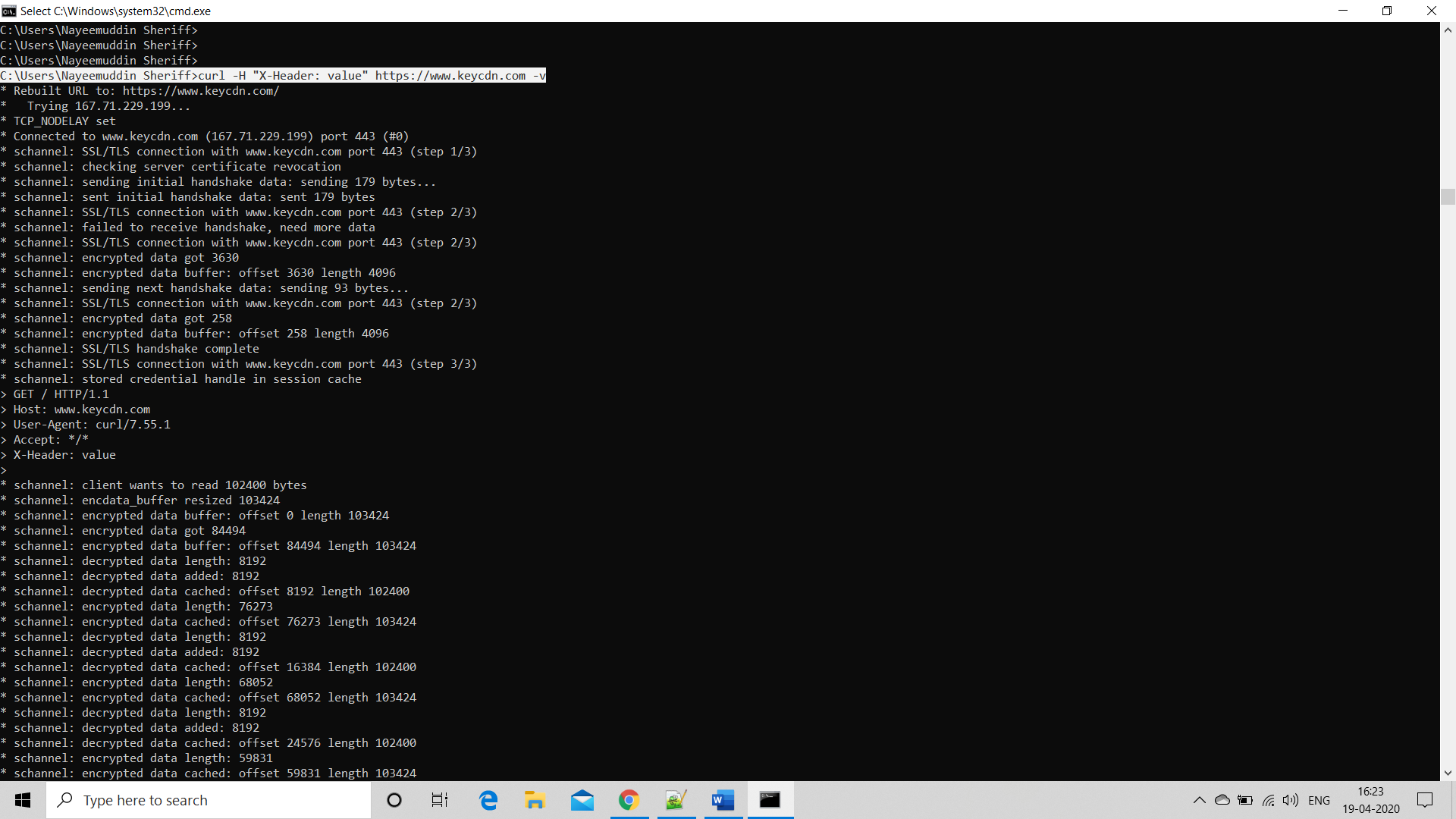
1. Saving the result of a curl command



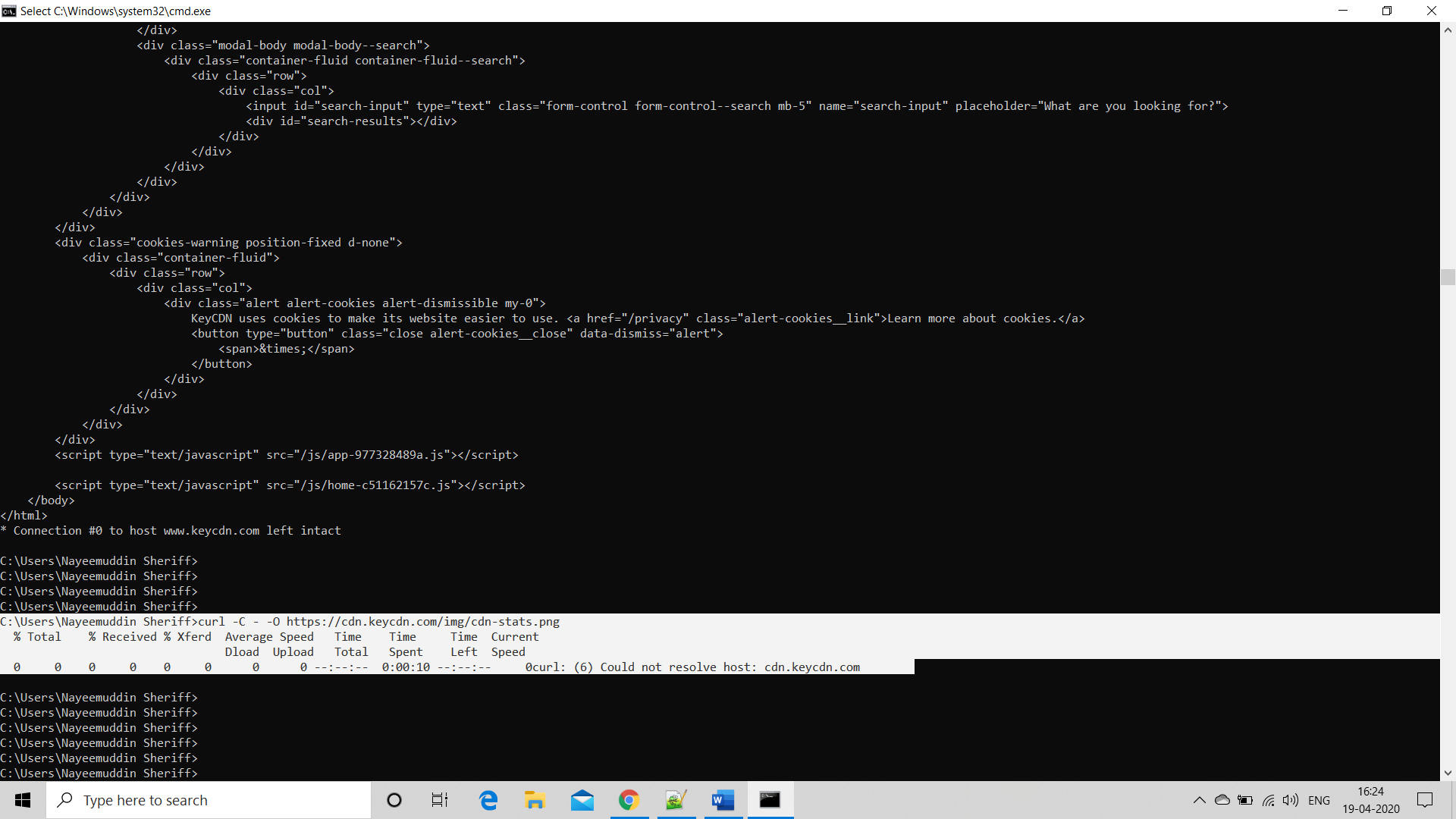
1. Adding an additional HTTP request header



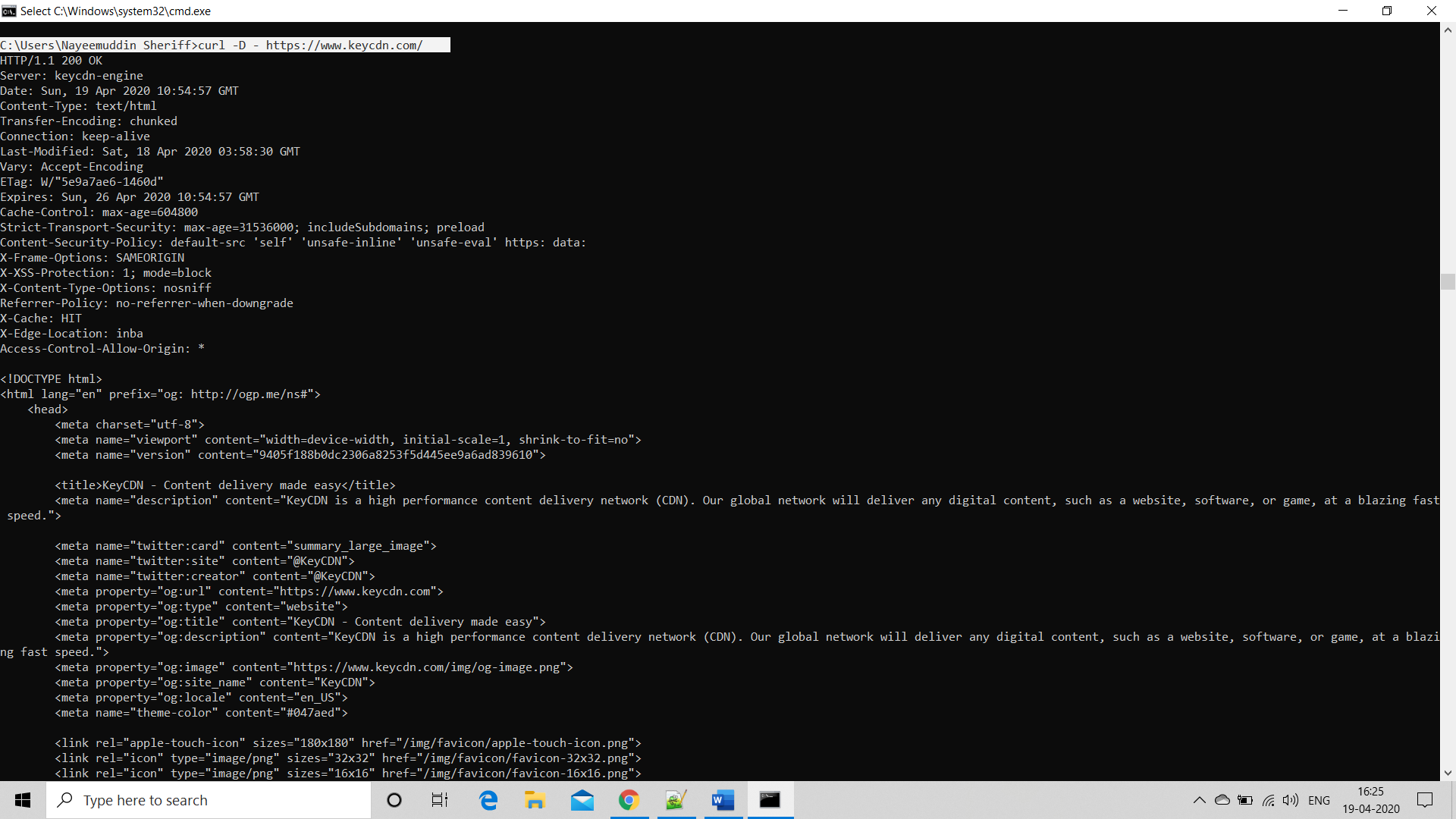
1. Generating additional information



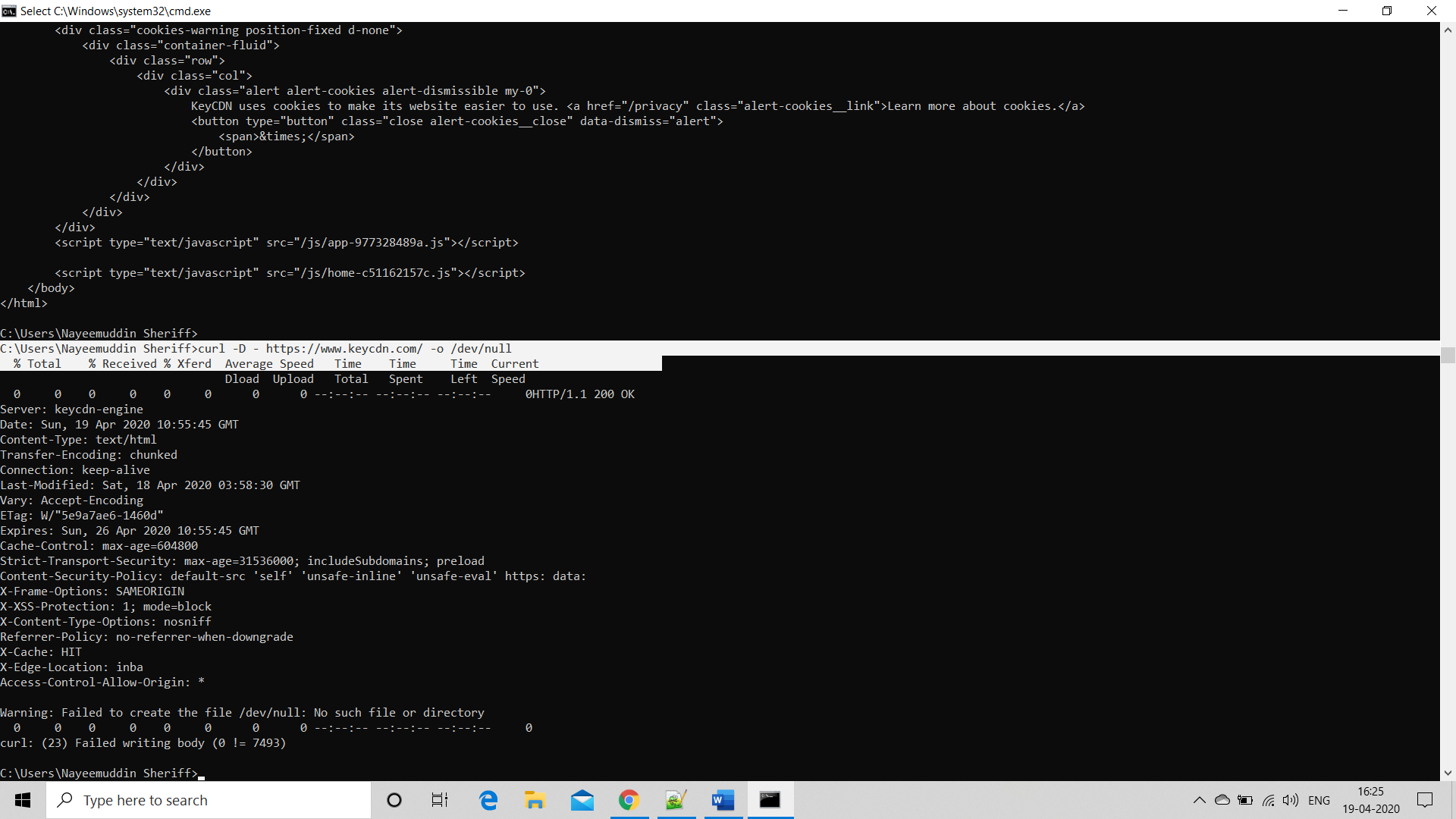
1. Resuming a download



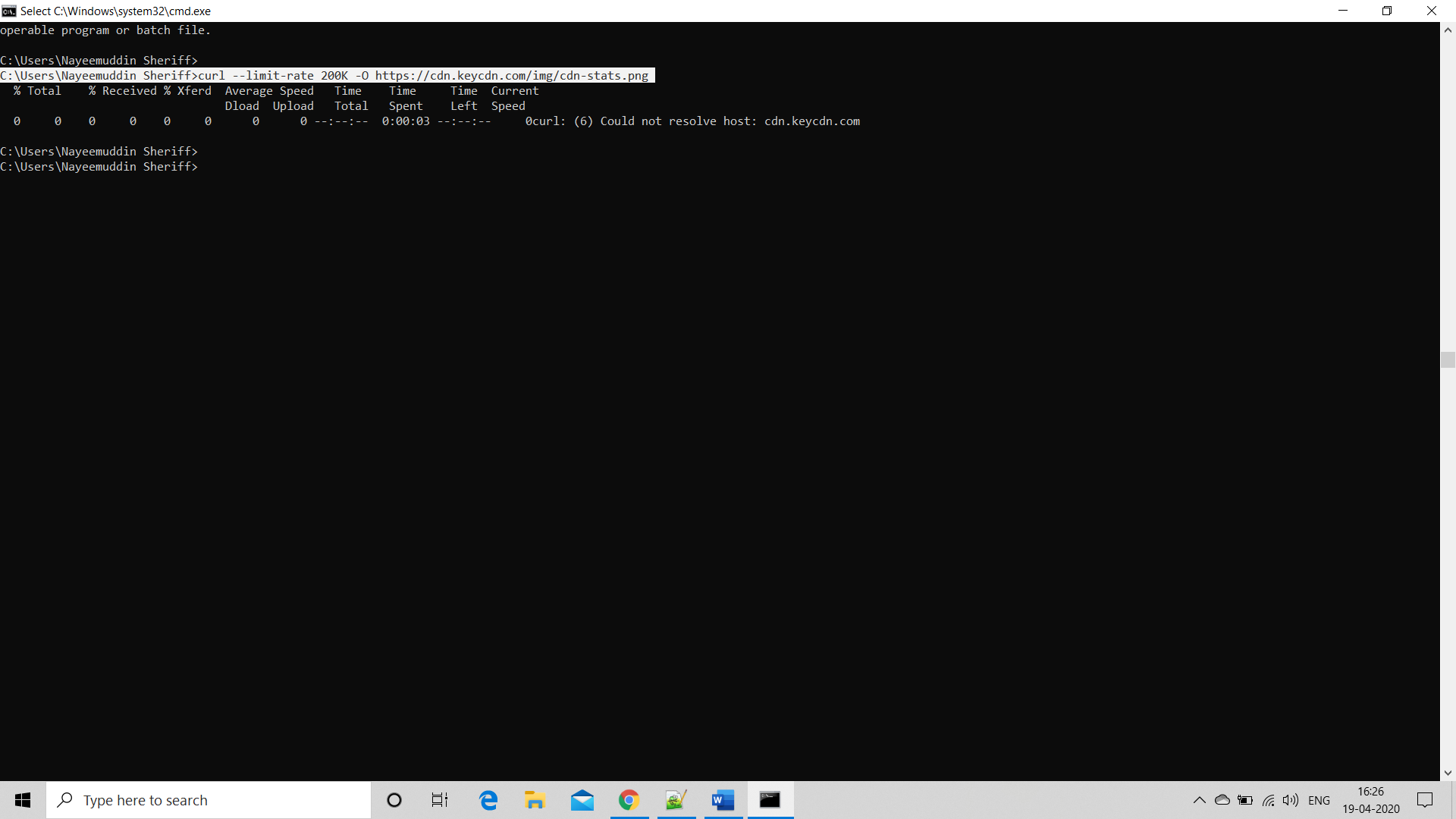
1. Storing HTTP headers



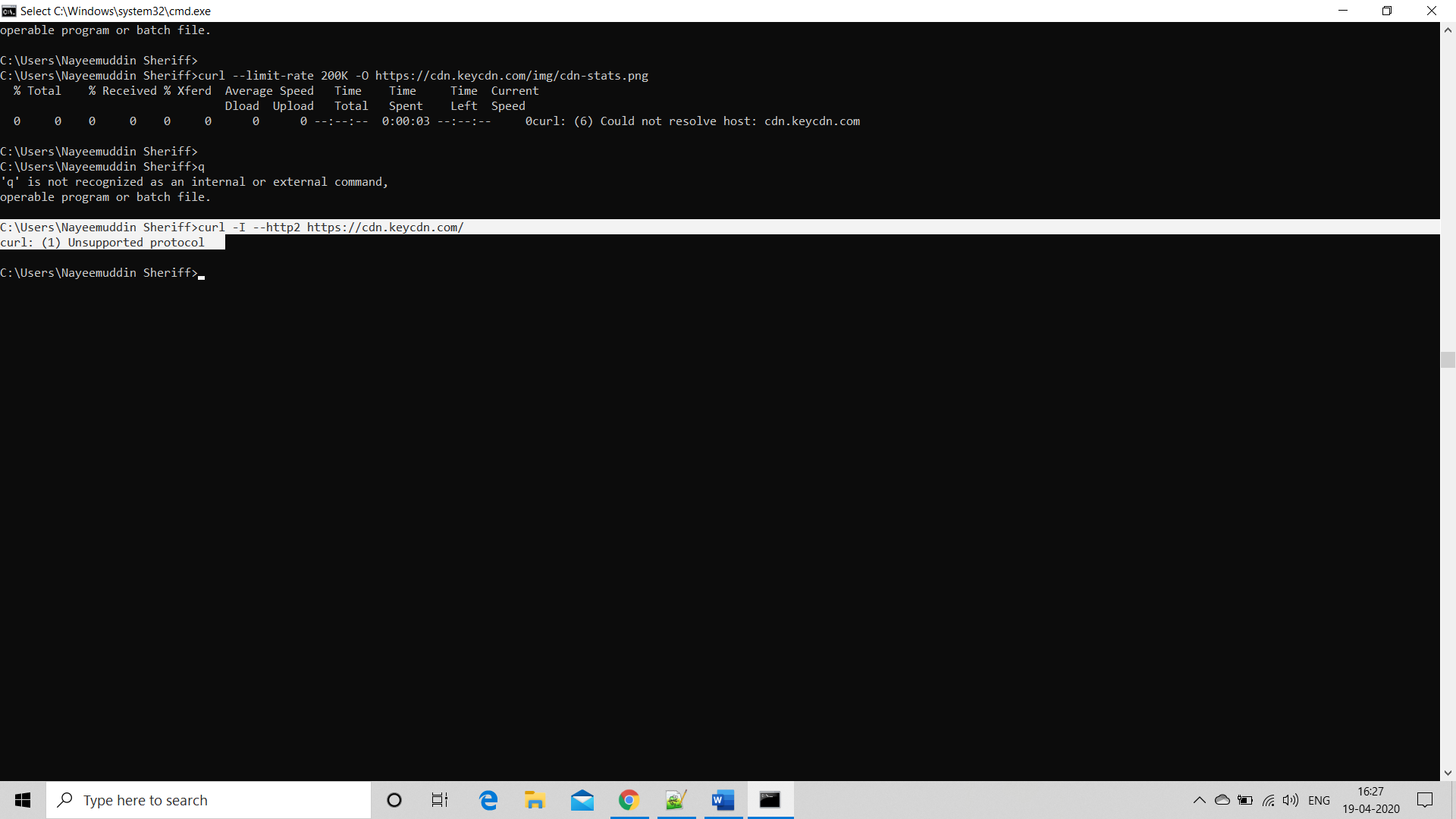
1. Testing the download time of an asset without any output



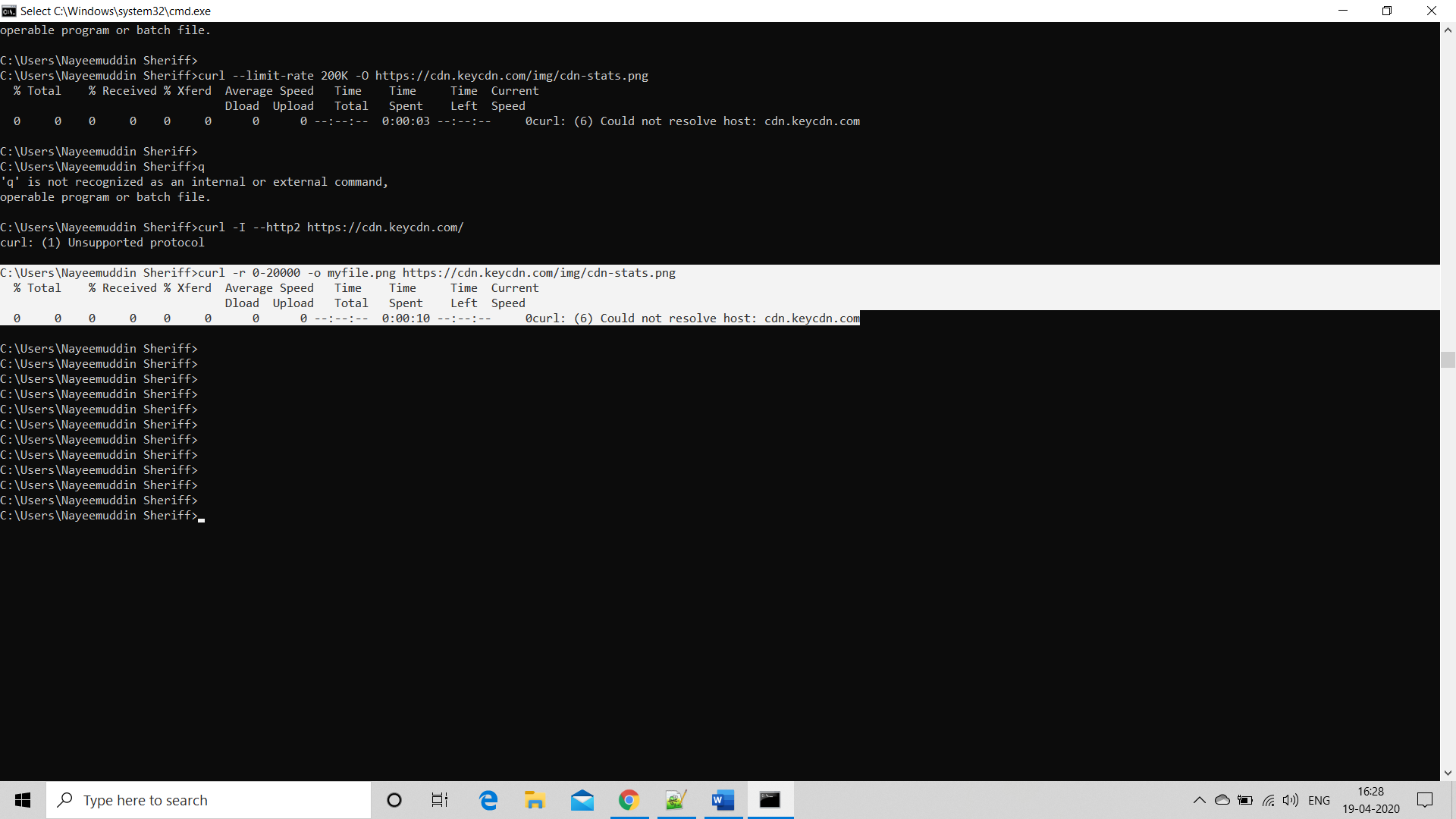
1. Specifying a maximum transfer rate



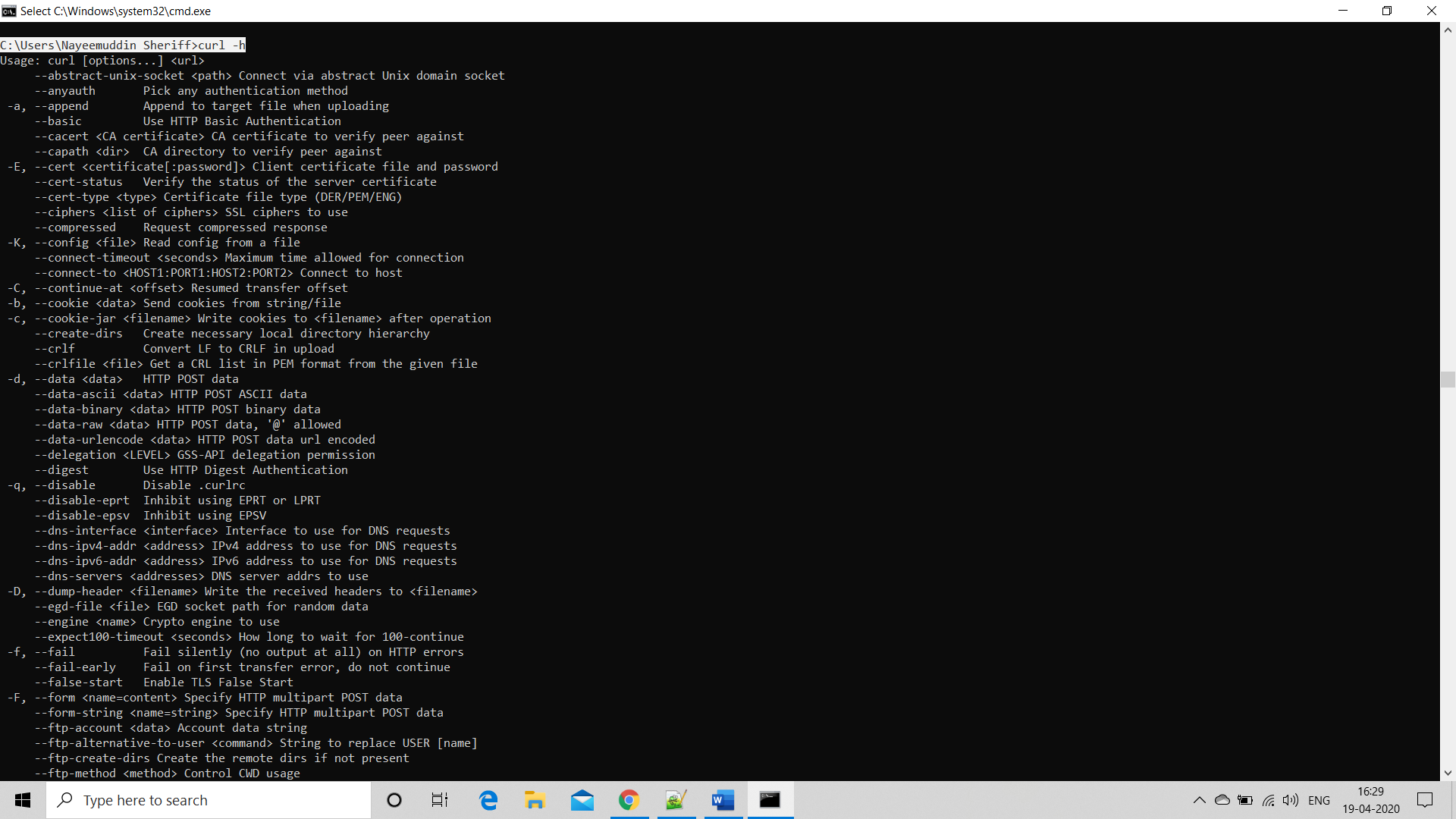
1. HTTP/2 support check



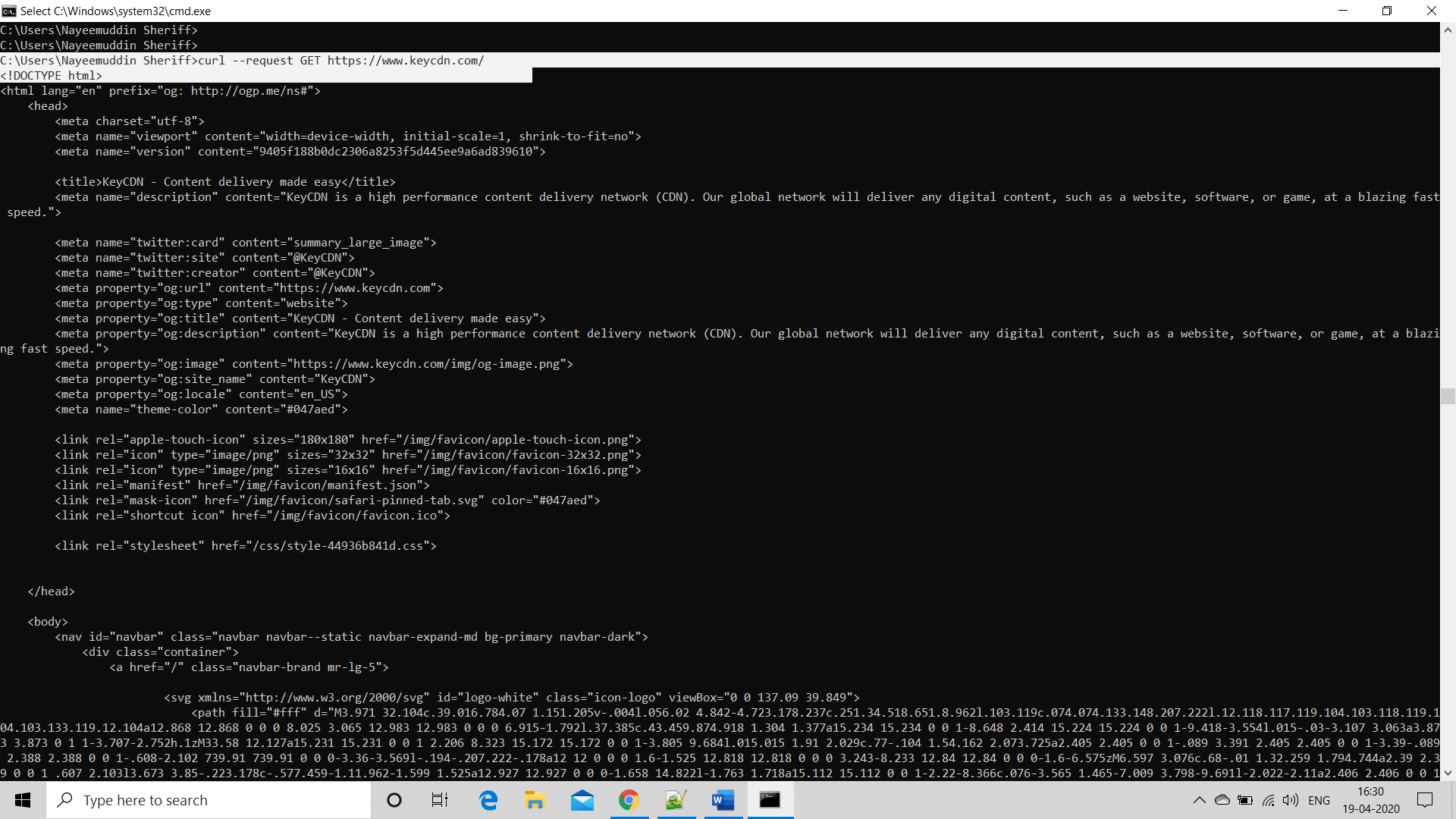
1. Retrieving a particular byte-range



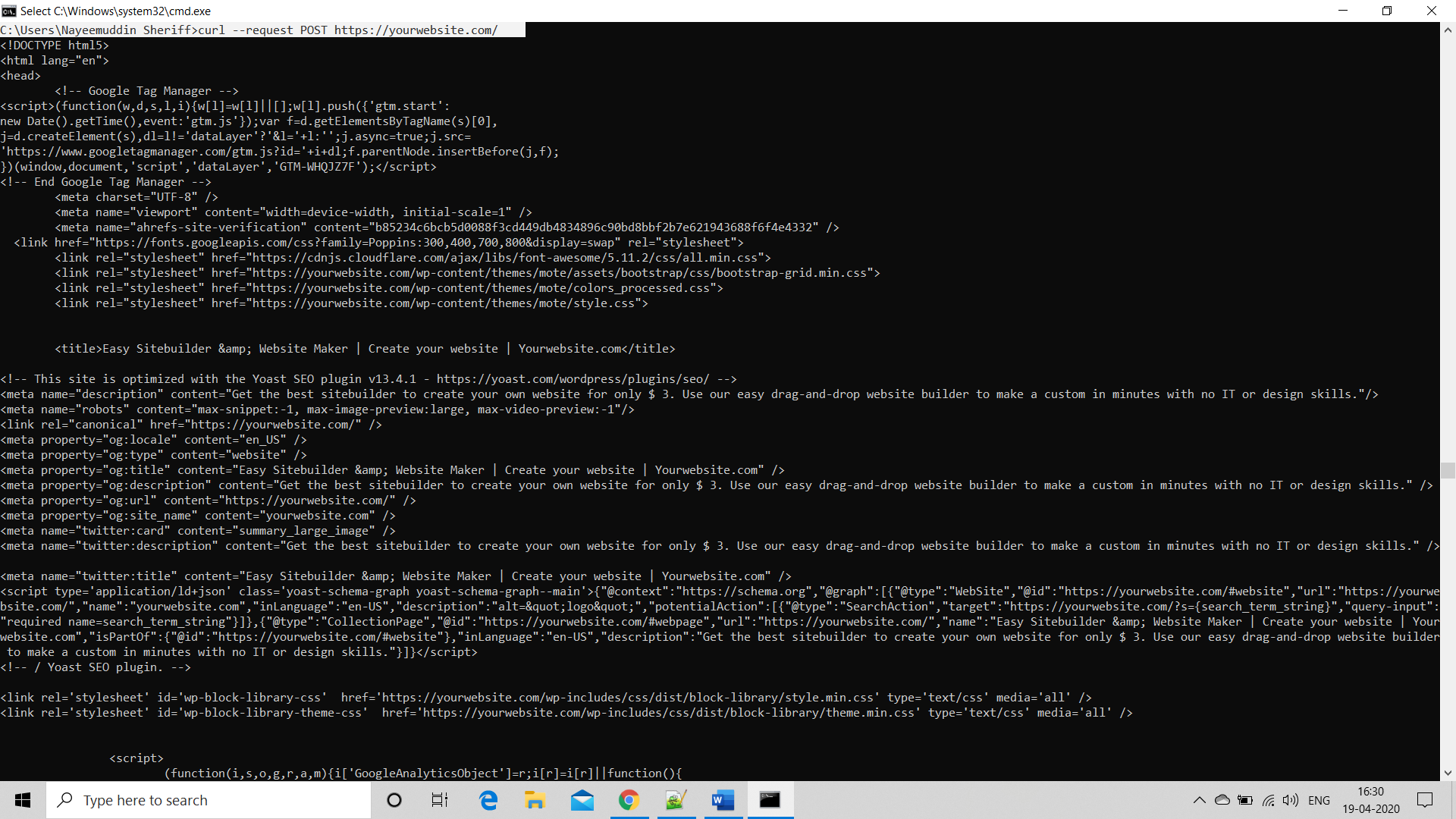
1. curl usage help



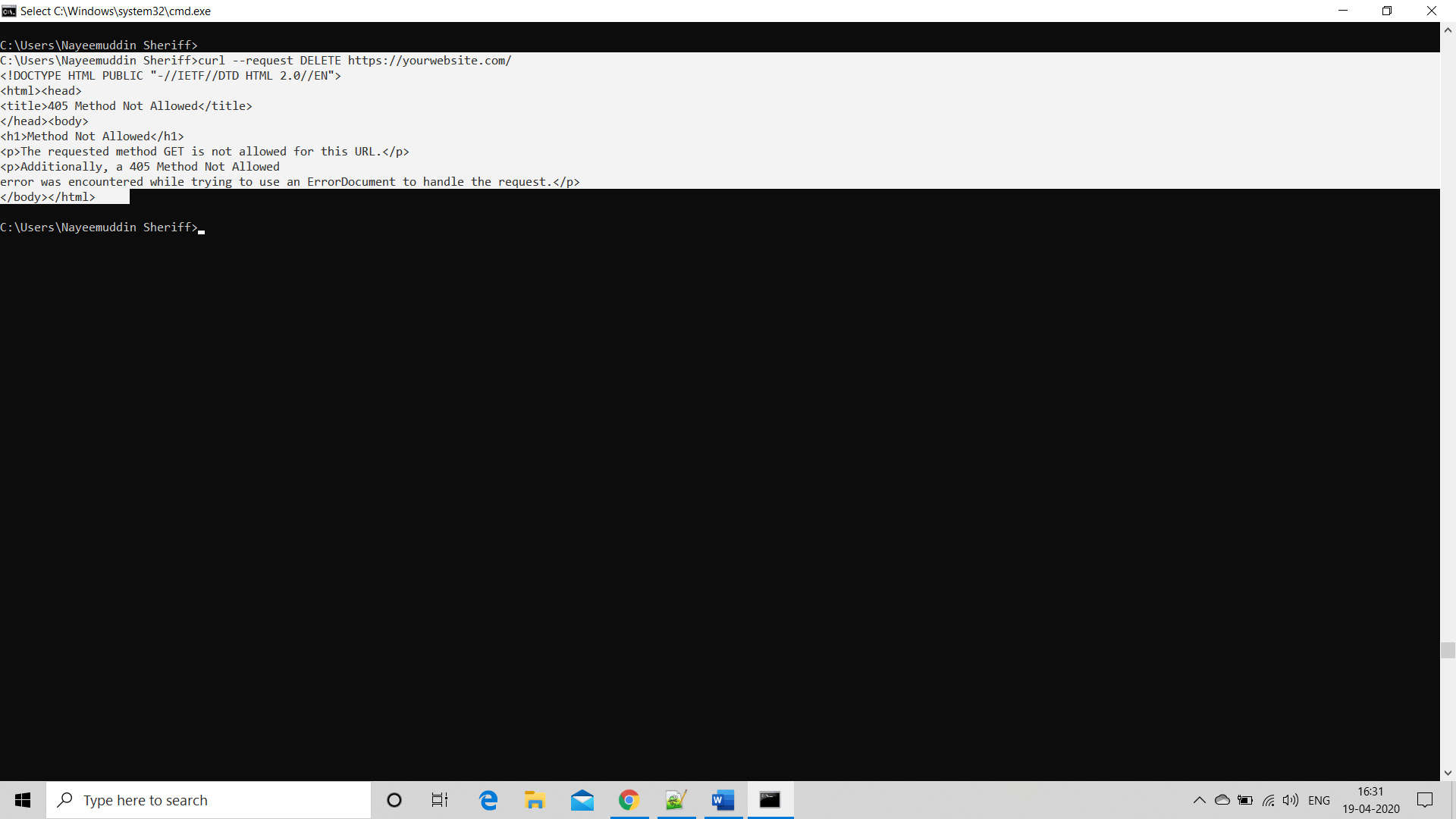
1. GET method



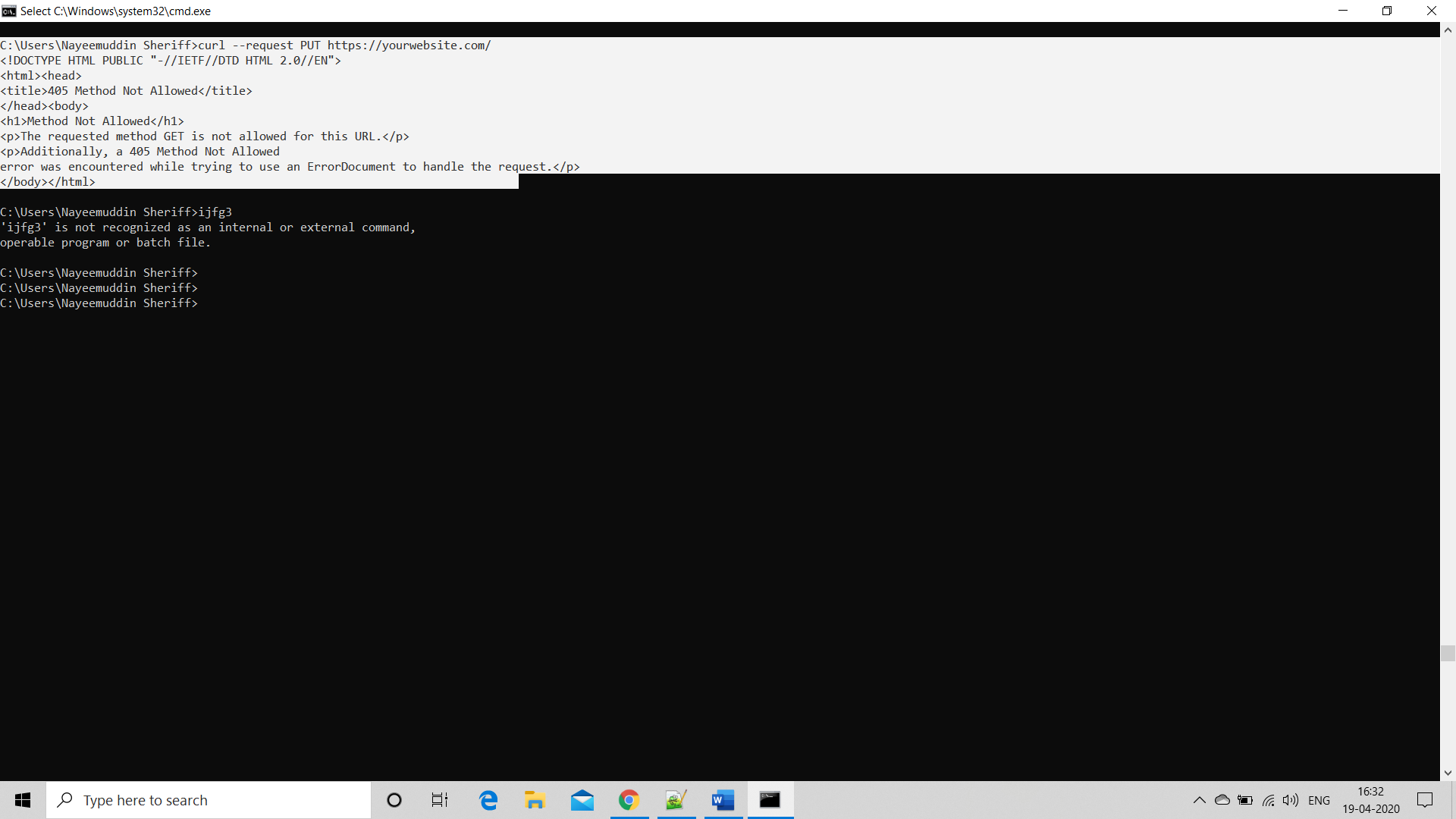
1. POST method



1. DELETE method



1. PUT method



1. Making curl requests with data