COMPUTER NETWORKS

Assignment 3

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CE-40

SYNDICATE - B

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DEPARTMENT OF COMPUTER AND SOFTWARE ENGINEERING

Output for command ipconfig/all

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Select Command Prompt
C:\Users\Wajih>ipconfig/all

Windows IP Configuration

   Host Name . . . . . . . . . . . . : DESKTOP-TENC0KJ
   Primary Dns Suffix  . . . . . . . :
   Node Type . . . . . . . . . . . . : Hybrid
   IP Routing Enabled. . . . . . . . : No
   WINS Proxy Enabled. . . . . . . . : No
   DNS Suffix Search List. . . . . . : Home

Ethernet adapter Ethernet:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Realtek PCIe FE Family Controller
   Physical Address. . . . . . . . . : 6C-C2-17-63-4A-CF
   DHCP Enabled. . . . . . . . . . . : Yes
   Autoconfiguration Enabled . . . . : Yes

Ethernet adapter Ethernet 3:

   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : VirtualBox Host-Only Ethernet Adapter
   Physical Address. . . . . . . . . : 0A-00-27-00-00-36
   DHCP Enabled. . . . . . . . . . . : No
   Autoconfiguration Enabled . . . . : Yes
   Link-local IPv6 Address . . . . . : fe80::30a9:5d9d:c07e:e6d7%54(Preferred)
   IPv4 Address. . . . . . . . . . . : 192.168.56.1(Preferred)
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :
   DHCPv6 IAID . . . . . . . . . . . : 906625063
   DHCPv6 Client DUID. . . . . . . . : 00-01-00-01-25-E2-96-33-6C-C2-17-63-4A-CF
   DNS Servers . . . . . . . . . . . : fec0:0:0:ffff::1%1
                                       fec0:0:0:ffff::2%1
                                       fec0:0:0:ffff::3%1
   NetBIOS over Tcpip. . . . . . . . : Enabled

Wireless LAN adapter Local Area Connection* 1:
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Wireless LAN adapter Local Area Connection* 1:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Microsoft Wi-Fi Direct Virtual Adapter
   Physical Address. . . . . . . . . : 16-2D-27-D6-4C-8D
   DHCP Enabled. . . . . . . . . . . : Yes
   Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Local Area Connection* 2:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #2
   Physical Address. . . . . . . . . : 16-2D-27-D6-44-8D
   DHCP Enabled. . . . . . . . . . . : Yes
   Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix  . : Home
   Description . . . . . . . . . . . : Broadcom BCM43142 802.11 bgn Wi-Fi Adapter
   Physical Address. . . . . . . . . : 14-2D-27-D6-4C-8D
   DHCP Enabled. . . . . . . . . . . : Yes
   Autoconfiguration Enabled . . . . : Yes
   Link-local IPv6 Address . . . . . : fe80::18da:ad00:3a62:2e88%17(Preferred)
   IPv4 Address. . . . . . . . . . . : 192.168.10.13(Preferred)
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Lease Obtained. . . . . . . . . . : Saturday, December 12, 2020 5:47:16 PM
   Lease Expires . . . . . . . . . . : Monday, December 14, 2020 11:40:05 PM
   Default Gateway . . . . . . . . . : 192.168.10.1
   DHCP Server . . . . . . . . . . . : 192.168.10.1
   DHCPv6 IAID . . . . . . . . . . . : 85208359
   DHCPv6 Client DUID. . . . . . . . : 00-01-00-01-25-E2-96-33-6C-C2-17-63-4A-CF
   DNS Servers . . . . . . . . . . . : 192.168.10.1
   NetBIOS over Tcpip. . . . . . . . : Enabled
```

TASK:
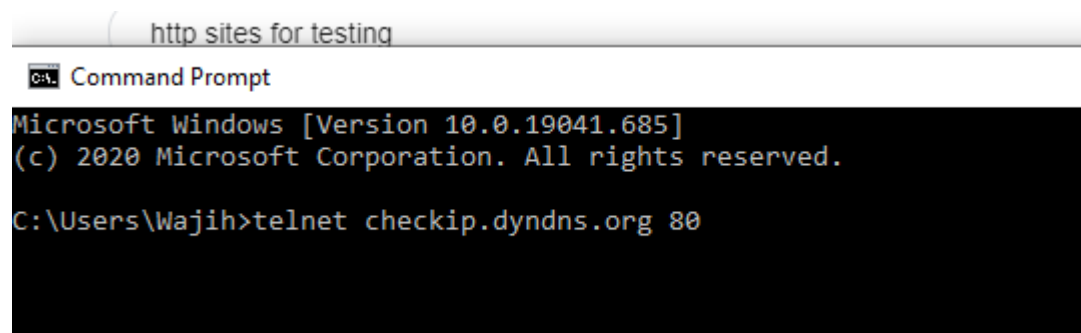
First of all it was very difficult to initially find the http site as almost all websites are https now adays. However, after searching I found one the site which can be seen in above screenshot, which I connected through telnet. After connecting to it I gave it a get command as written below:
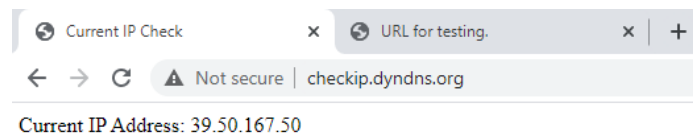
GET/HTTP/1.1

Host: checkup.dyndns.org

This instruction does not show up on console and remains invisible however, after writing this and pressing enter the request was accepted and outcome was set of some lines including the html page of the website page we requested to get, for reference I have attached the screenshot of console and website page we requested through GET command below.

Console :
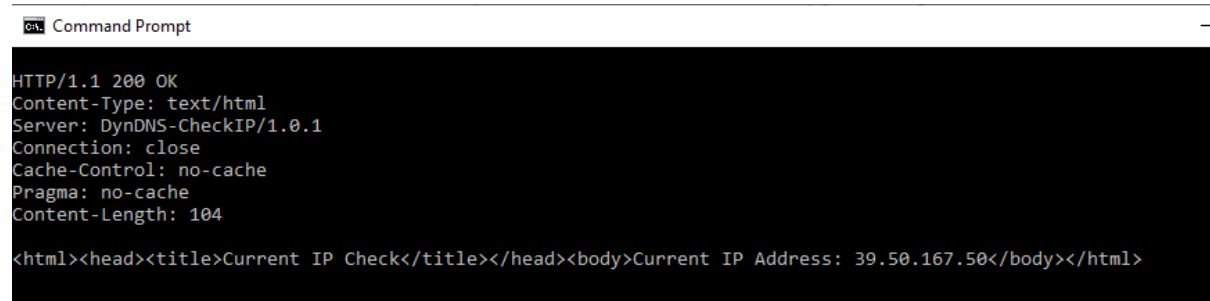
Website page that we requested through get command:

Through this we realized that get command is to request some specific page's html file. If we had to go to some specific page we would write it before HTTP in GET/HTTP/1.1.