Web technológiák BSc

4.gyak.

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Készítette: Nagy Máté Bsc

Szak: Villamosmérnöki szak

Neptukód: JNBGW8

Miskolc, 2021

1.Végezzen tesztelést a saját gépéna következő parancsok segítségével!Használja a Windows OS: cmd.exe

a.) ipconfig/all

```
C:\Users\Mátészaki> ipconfig/all

Windows IP Configuration

    Host Name . . . . . . . . . . . . : DESKTOP-HLJHPV3
    Primary Dns Suffix  . . . . . . . :
    Node Type . . . . . . . . . . . . : Hybrid
    IP Routing Enabled. . . . . . . . : No
    WINS Proxy Enabled. . . . . . . . : No

Ethernet adapter Ethernet:

    Media State . . . . . . . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :
    Description . . . . . . . . . . . : Realtek PCIe FE Family Controller
    Physical Address. . . . . . . . . : 10-7B-44-B7-FB-97
    DHCP Enabled. . . . . . . . . . . : Yes
    Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Helyi kapcsolat* 1:

    Media State . . . . . . . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :
    Description . . . . . . . . . . . : Microsoft Wi-Fi Direct Virtual Adapter
    Physical Address. . . . . . . . . : 66-6E-69-4C-F5-A0
    DHCP Enabled. . . . . . . . . . . : Yes
    Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Helyi kapcsolat* 11:

    Media State . . . . . . . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :
    Description . . . . . . . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #2
    Physical Address. . . . . . . . . : 64-6E-69-4C-F5-A0
    DHCP Enabled. . . . . . . . . . . : Yes
    Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix  . :
    Description . . . . . . . . . . . : Realtek RTL8723BE Wireless LAN 802.11n PCI-E NIC
```

```
Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Realtek RTL8723BE Wireless LAN 802.11n PCI-E NIC
   Physical Address. . . . . . . . . : 64-6E-69-4C-F5-A0
   DHCP Enabled. . . . . . . . . . . : Yes
   Autoconfiguration Enabled . . . . : Yes
   Link-local IPv6 Address . . . . . : fe80::a521:2f54:28a2:aefd%15(Preferred)
   IPv4 Address. . . . . . . . . . . : 192.168.0.105(Preferred)
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Lease Obtained. . . . . . . . . . : 2021. március 3., szerda 7:27:53
   Lease Expires . . . . . . . . . . : 2021. március 3., szerda 11:58:58
   Default Gateway . . . . . . . . . : 192.168.0.1
   DHCP Server . . . . . . . . . . . : 192.168.0.1
   DHCPv6 IAID . . . . . . . . . . . : 124022377
   DHCPv6 Client DUID. . . . . . . . : 00-01-00-01-21-DB-D1-0C-10-7B-44-B7-FB-97
   DNS Servers . . . . . . . . . . . : 192.168.0.1
   NetBIOS over Tcpip. . . . . . . . : Enabled

Ethernet adapter Bluetooth hálózati kapcsolat:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Bluetooth Device (Personal Area Network)
   Physical Address. . . . . . . . . : 64-6E-69-4D-2D-68
   DHCP Enabled. . . . . . . . . . . : Yes
   Autoconfiguration Enabled . . . . : Yes

C:\Users\Mátészaki>_
```

b.)ping uni-miskolc.hu

```
C:\Users\Mátészaki>ping uni-miskolc.hu

Pinging uni-miskolc.hu [193.6.10.2] with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 193.6.10.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

c.) tracert uni-miskolc.hu

```
C:\Users\Mátészaki>tracert uni-miskolc.hu

Tracing route to uni-miskolc.hu [193.6.10.2]
over a maximum of 30 hops:

  1    <1 ms    <1 ms    <1 ms   192.168.0.1
  2    31 ms    22 ms    26 ms   37-218-235-1.naracom.hu [37.218.235.1]
  3    13 ms    10 ms    10 ms   109-105-0-1.naracom.hu [109.105.0.1]
  4    12 ms    14 ms    15 ms   budapest-kisvarda.naracom.hu [178.210.238.25]
  5    14 ms    14 ms    14 ms   178-210-238-27.naracom.hu [178.210.238.27]
  6    14 ms    14 ms    14 ms   25274p-bix.unitedtelecom.hu [185.219.48.32]
  7    13 ms    17 ms    15 ms   bix.rtr1.vh.hbone.hu [193.188.137.13]
  8    17 ms    17 ms    20 ms   hge0-0-0-0.core2.vh.hbone.hu [195.111.100.80]
  9    38 ms    16 ms    16 ms   hge0-0-0-0.rtr.miskolc.hbone.hu [195.111.111.55]
 10    18 ms    18 ms    17 ms   193.225.57.82
 11     *        *        *      Request timed out.
 12     *        *        *      Request timed out.
 13     *        *        *      Request timed out.
 14     *        *        *      Request timed out.
 15     *        *        *      Request timed out.
 16     *        *        *      Request timed out.
 17     *        *        *      Request timed out.
 18     *        *        *      Request timed out.
 19     *        *        *      Request timed out.
 20     *        *        *      Request timed out.
 21     *        *        *      Request timed out.
 22     *        *        *      Request timed out.
 23     *        *        *      Request timed out.
 24     *        *        *      Request timed out.
 25     *        *        *      Request timed out.
 26     *        *        *      Request timed out.
 27     *        *        *      Request timed out.
 28     *        *        *      Request timed out.
 29     *        *        *      Request timed out.
 30     *        *        *      Request timed out.

Trace complete.
```

d.) route print

```
C:\Users\Mátészaki>route print
===========================================================================
Interface List
  9...10 7b 44 b7 fb 97 ......Realtek PCIe FE Family Controller
  6...66 6e 69 4c f5 a0 ......Microsoft Wi-Fi Direct Virtual Adapter
 18...64 6e 69 4c f5 a0 ......Microsoft Wi-Fi Direct Virtual Adapter #2
 15...64 6e 69 4c f5 a0 ......Realtek RTL8723BE Wireless LAN 802.11n PCI-E NIC
  5...64 6e 69 4d 2d 68 ......Bluetooth Device (Personal Area Network)
  1...........................Software Loopback Interface 1
===========================================================================

IPv4 Route Table
===========================================================================
Active Routes:
Network Destination        Netmask          Gateway       Interface  Metric
          0.0.0.0          0.0.0.0      192.168.0.1    192.168.0.105     50
        127.0.0.0        255.0.0.0         On-link        127.0.0.1    331
        127.0.0.1  255.255.255.255         On-link        127.0.0.1    331
  127.255.255.255  255.255.255.255         On-link        127.0.0.1    331
      192.168.0.0    255.255.255.0         On-link    192.168.0.105    306
    192.168.0.105  255.255.255.255         On-link    192.168.0.105    306
    192.168.0.255  255.255.255.255         On-link    192.168.0.105    306
        224.0.0.0        240.0.0.0         On-link        127.0.0.1    331
        224.0.0.0        240.0.0.0         On-link    192.168.0.105    306
  255.255.255.255  255.255.255.255         On-link        127.0.0.1    331
  255.255.255.255  255.255.255.255         On-link    192.168.0.105    306
===========================================================================
Persistent Routes:
  None

IPv6 Route Table
===========================================================================
Active Routes:
 If Metric Network Destination      Gateway
  1    331 ::1/128                  On-link
 15    306 fe80::/64                On-link
 15    306 fe80::a521:2f54:28a2:aefd/128
                                    On-link
  1    331 ff00::/8                 On-link
 15    306 ff00::/8                 On-link
===========================================================================
Persistent Routes:
  None
```

e.) nslookup uni-miskolc.hu

```
C:\Users\Mátészaki>nslookup uni-miskolc.hu
Server:  UnKnown
Address:  192.168.0.1

Non-authoritative answer:
Name:    uni-miskolc.hu
Address:  193.6.10.2
```

2.

a, Szöveg szerkesztés. weblap1.html

b,weblap2.html

c,bekezdes.html