

# **Web technológiák BSc**

**4.gyak.**

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**Készítette:  
Bodnár Dávid Bsc  
Villamosmérnök  
EBZWGE**

**Miskolc, 2021**

# **1.Végezzen tesztelést a saját gépén a következő parancsok segítségével!**

Windows os: CMD.exe segítségével

Az alábbi parancsokat használjuk, a parancs eredményét képernyőképpel rögzítjük.

- a.) ipconfig /all
- b.) ping uni-miskolc.hu
- c.) tracert uni-miskolc.hu
- d.) route print
- e.) nslookup uni-miskolc.hu

a.

Administrator: Parancssor

Microsoft Windows [Version 10.0.18363.1379]  
(c) 2019 Microsoft Corporation. Minden jog fenntartva.

C:\WINDOWS\system32>ipconfig/all

Windows IP Configuration

Host Name . . . . . : DESKTOP-E6QCN8T  
Primary Dns Suffix . . . . . :  
Node Type . . . . . : Mixed  
IP Routing Enabled. . . . . : No  
WINS Proxy Enabled. . . . . : No  
DNS Suffix Search List. . . . . : home

Ethernet adapter Ethernet:

Connection-specific DNS Suffix . : home  
Description . . . . . : Realtek PCIe GbE Family Controller  
Physical Address. . . . . : 0C-9D-92-56-35-44  
DHCP Enabled. . . . . : Yes  
Autoconfiguration Enabled . . . : Yes  
IPv6 Address. . . . . : 2a02:ab88:7142:e200:81b0:e7f7:7f03:8f5(Preferred)  
Temporary IPv6 Address. . . . . : 2a02:ab88:7142:e200:f838:5416:f5c7:34dc(Preferred)  
Link-local IPv6 Address . . . . . : fe80::81b0:e7f7:7f03:8f5%10(Preferred)  
IPv4 Address. . . . . : 192.168.0.22(Preferred)  
Subnet Mask . . . . . : 255.255.255.0  
Lease Obtained. . . . . : 2021. március 3., szerda 8:37:40  
Lease Expires . . . . . : 2021. március 3., szerda 11:07:39  
Default Gateway . . . . . : fe80::925c:44ff:fea3:ee1c%10  
192.168.0.1  
DHCP Server . . . . . : 192.168.0.1  
DHCPv6 IAID . . . . . : 34381202  
DHCPv6 Client DUID. . . . . : 00-01-00-01-22-A2-BF-1C-0C-9D-92-56-35-44  
DNS Servers . . . . . : 2001:730:3eb2::10  
2001:730:3eb2::11  
192.168.0.1  
2001:730:3eb2::10  
2001:730:3eb2::11  
NetBIOS over Tcpi. . . . . : Enabled

Unknown adapter Helyi kapcsolat:

Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :  
Description . . . . . : TAP-Windows Adapter V9  
Physical Address. . . . . : 00-FF-F8-E5-52-5D  
DHCP Enabled. . . . . : Yes  
Autoconfiguration Enabled . . . : Yes

Wireless LAN adapter Helyi kapcsolat\* 10:

Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :  
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter  
Physical Address. . . . . : 7C-2A-31-8B-0A-89  
DHCP Enabled. . . . . : Yes  
Autoconfiguration Enabled . . . : Yes

Wireless LAN adapter Helyi kapcsolat\* 2:

Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . : local  
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #2

Wireless LAN adapter Helyi kapcsolat\* 2:

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : local
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #2
Physical Address. . . . . : 7E-2A-31-8B-0A-88
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
```

Wireless LAN adapter Wi-Fi:

```
Connection-specific DNS Suffix . : home
Description . . . . . : Intel(R) Dual Band Wireless-AC 8265
Physical Address. . . . . : 7C-2A-31-8B-0A-88
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
IPv6 Address. . . . . : 2a02:ab88:7142:e200:9110:5972:eda7:c063(Preferred)
Temporary IPv6 Address. . . . . : 2a02:ab88:7142:e200:20dd:8a44:d403:7abd(Preferred)
Link-local IPv6 Address . . . . . : fe80::9110:5972:eda7:c063%7(Preferred)
IPv4 Address. . . . . : 192.168.0.116(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : 2021. március 3., szerda 7:44:28
Lease Expires . . . . . : 2021. március 3., szerda 11:14:28
Default Gateway . . . . . : fe80::925c:44ff:fea3:ee1c%7
                          192.168.0.1
DHCP Server . . . . . : 192.168.0.1
DHCPv6 IAID . . . . . : 92023345
DHCPv6 Client DUID. . . . . : 00-01-00-01-22-A2-BF-1C-0C-9D-92-56-35-44
DNS Servers . . . . . : 2001:730:3eb2::10
                          2001:730:3eb2::11
                          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. . . . . : 7C-2A-31-8B-0A-8C
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
```

C:\WINDOWS\system32>

b.

```
C:\WINDOWS\system32>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.
```

c.

```

C:\WINDOWS\system32>tracert uni-miskolc.hu

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

  1      2 ms      2 ms      2 ms  192.168.0.1
  2     12 ms     12 ms     12 ms  hu-bud02a-rt2.aorta.net [84.116.242.1]
  3     14 ms     14 ms     16 ms  hu-bud04a-rc1-ae-45-0.aorta.net [84.116.242.1]
  4     13 ms     12 ms     14 ms  hu-bud06a-ri1-ae-12-0.aorta.net [84.116.242.1]
  5     13 ms     16 ms     14 ms  213.46.166.238
  6     22 ms     25 ms     17 ms  hge0-0-0-0.core2.vh.hbone.hu [195.1.1.1]
  7     16 ms     23 ms     17 ms  hge0-0-0-0.rtr.miskolc.hbone.hu [193.6.10.2]
  8     17 ms     15 ms     17 ms  193.225.57.82
  9      *        *        *      Request timed out.
 10      *        *        *      Request timed out.
 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.

C:\WINDOWS\system32>

```

d.

```

C:\WINDOWS\system32>route print
'route print' is not recognized as an internal or external command,
operable program or batch file.

C:\WINDOWS\system32>route print
=====
Interface List
10...0c 9d 92 56 35 44 .....Realtek PCIe GbE Family Controller
20...00 ff f8 e5 52 5d .....TAP-Windows Adapter V9
15...7c 2a 31 8b 0a 89 .....Microsoft Wi-Fi Direct Virtual Adapter
11...7e 2a 31 8b 0a 88 .....Microsoft Wi-Fi Direct Virtual Adapter #2
 7...7c 2a 31 8b 0a 88 .....Intel(R) Dual Band Wireless-AC 8265
 2...7c 2a 31 8b 0a 8c .....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       192.168.0.116    35
0.0.0.0                    0.0.0.0          192.168.0.1       192.168.0.22     25
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           192.168.0.116    291
192.168.0.0                255.255.255.0    On-link           192.168.0.22     281
192.168.0.22              255.255.255.255  On-link           192.168.0.22     281
192.168.0.116             255.255.255.255  On-link           192.168.0.116    291
192.168.0.255             255.255.255.255  On-link           192.168.0.116    291
192.168.0.255             255.255.255.255  On-link           192.168.0.22     281
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           192.168.0.22     281
224.0.0.0                  240.0.0.0        On-link           192.168.0.116    291
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           192.168.0.22     281
255.255.255.255            255.255.255.255  On-link           192.168.0.116    291
=====
Persistent Routes:
None

IPv6 Route Table
=====
Active Routes:
If Metric Network Destination      Gateway
7      51 ::/0                fe80::925c:44ff:fea3:ee1c
10     41 ::/0                fe80::925c:44ff:fea3:ee1c
1      331 ::1/128            On-link
7      51 2a02:ab88:7142:e200::/64 On-link
7      291 2a02:ab88:7142:e200::/64 fe80::925c:44ff:fea3:ee1c
10     41 2a02:ab88:7142:e200::/64 On-link
10     281 2a02:ab88:7142:e200::/64 fe80::925c:44ff:fea3:ee1c
7      291 2a02:ab88:7142:e200:20dd:8a44:d403:7abd/128
                                         On-link
10     281 2a02:ab88:7142:e200:81b0:e7f7:7f03:8f5/128
                                         On-link
7      291 2a02:ab88:7142:e200:9110:5972:eda7:c063/128
                                         On-link
10     281 2a02:ab88:7142:e200:f838:5416:f5c7:34dc/128
                                         On-link
10     281 fe80::/64              On-link
7      291 fe80::/64              On-link

```

e.

```
C:\WINDOWS\system32>nslookup uni-miskolc.hu
Server: UnKnown
Address: 2001:730:3eb2::10

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

## 2. Készítse el a feladatot a minta alapján.

- Szövegformázás: B, I, U, strike, sub, sup: *weblap1.html*
- Szövegformázás: Font (méret, típus, szín): *weblap2.html*
- Szövegformázás: bekezdés, igazítás: *Bekezdes.html*

## 3. Házi feladat: SZÓKIRAKÓ JÁTÉK

Szövegformázás: EBZWGE\_BD.html