# Lab 0

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Q1：你的IP地址

```
Wireless LAN adapter 本地连接* 3:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::f1c9:3240:3cec:b448%16
   IPv4 Address. . . . . . . . . . . : 192.168.137.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Wireless LAN adapter WLAN:

   Connection-specific DNS Suffix  . : tendawifi.com
   Link-local IPv6 Address . . . . . : fe80::1de7:1286:60a7:2b0c%9
   IPv4 Address. . . . . . . . . . . : 192.168.5.187
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : 192.168.5.1
```

Q2：分析一个网页的组成部分
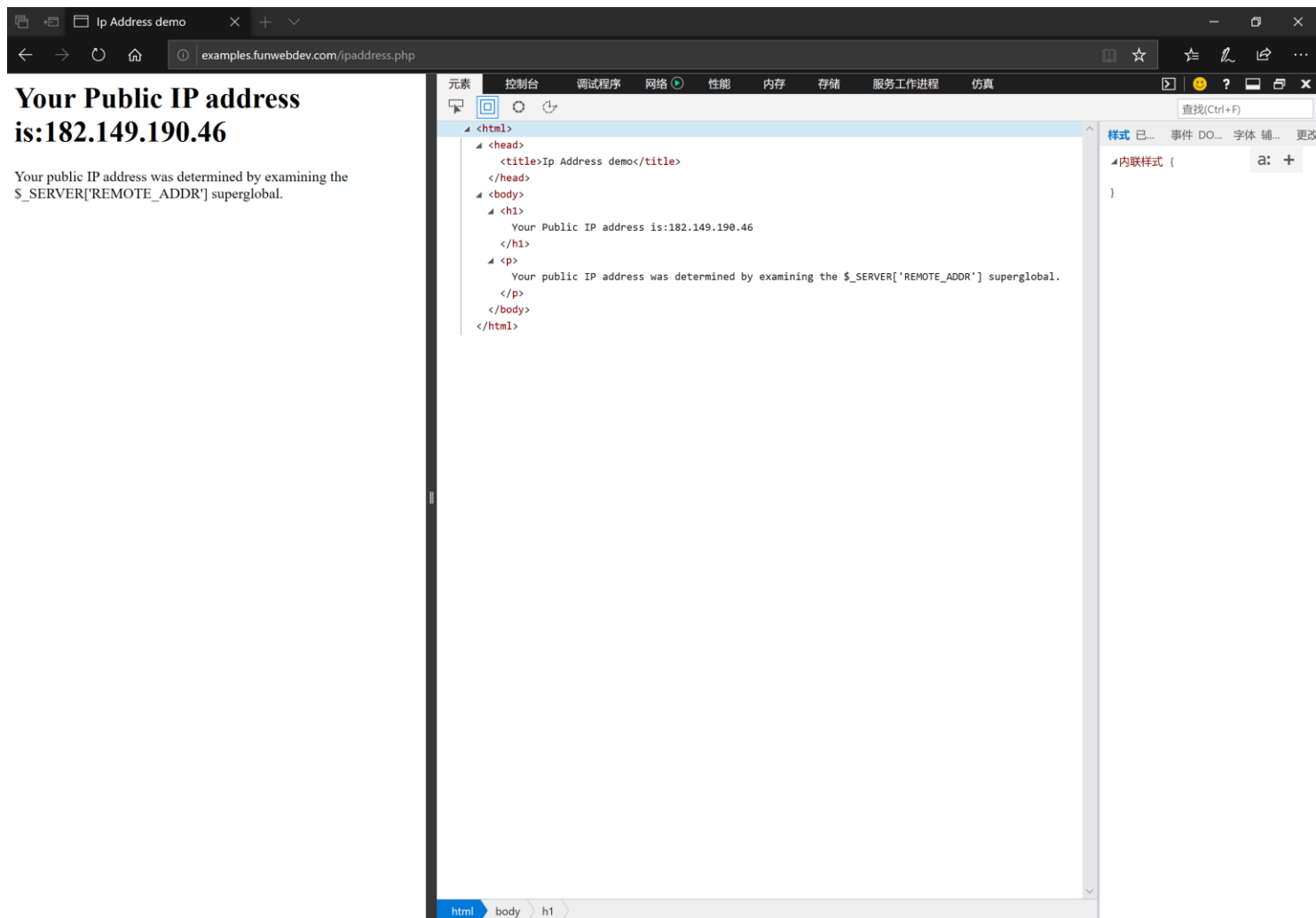
Q3: 域名服务器

```
Server:     UnKnown
Address:    192.168.5.1


Non-authoritative answer:
Name:       baidu.com
Addresses:  39.156.69.79
            220.181.38.148
```

```
PS C:\Users\82065> nslookup -qt=ns baidu.com
Server:    UnKnown
Address:   172.20.10.1


Non-authoritative answer:
baidu.com       nameserver = ns7.baidu.com
baidu.com       nameserver = ns2.baidu.com
baidu.com       nameserver = dns.baidu.com
baidu.com       nameserver = ns4.baidu.com
baidu.com       nameserver = ns3.baidu.com
```

```
PS C:\Users\82065> nslookup baidu.com ns2.baidu.com
Server:  UnKnown
Address:  220.181.33.31

Name:     baidu.com
Addresses:  39.156.69.79
          220.181.38.148
```

```
PS C:\Users\82065> nslookup 114.114.114.114
Server:    UnKnown
Address:   172.20.10.1


Name:      public1.114dns.com
Address:   114.114.114.114
```

Q4：观察HTTP报头

Q5 追踪数据包

```
Tracing route to microsoft.com [13.77.161.179]
over a maximum of 30 hops:

  1     3 ms     9 ms     3 ms  172.20.10.1
  2     *        *        *     Request timed out.
  3    54 ms    33 ms    89 ms  192.168.181.201
  4     *        *        *     Request timed out.
  5    37 ms    46 ms    37 ms  111.9.130.153
  6    44 ms    67 ms    50 ms  221.183.19.41
  7    93 ms    65 ms    63 ms  221.176.18.13
  8    73 ms   140 ms    92 ms  221.176.24.102
  9    83 ms    66 ms    76 ms  221.176.24.58
 10   101 ms   100 ms   218 ms  221.183.21.2
 11   100 ms    75 ms    93 ms  223.118.2.214
 12   103 ms    86 ms    84 ms  223.119.0.174
 13   101 ms    95 ms   124 ms  ae26-0.icr01.hkg31.ntwk.msn.net [104.44.237.197]
 14   312 ms   317 ms   317 ms  be-100-0.ibr01.hkg31.ntwk.msn.net [104.44.11.125]
 15   298 ms   562 ms    *      be-11-0.ibr01.tyo79.ntwk.msn.net [104.44.17.134]
 16   297 ms    *       345 ms  be-7-0.ibr01.pdx30.ntwk.msn.net [104.44.18.167]
 17   296 ms   317 ms   315 ms  be-4-0.ibr03.mwh01.ntwk.msn.net [104.44.16.66]
 18    *       426 ms   315 ms  ae142-0.icr04.mwh01.ntwk.msn.net [104.44.21.162]
 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.
```

Q5 追踪数据包（whois）

Q5 追踪数据包（whois）


```
Name Server: ns3.qq.com
Name Server: ns2.qq.com
DNSSEC: unsigned
URL of the ICANN WHOIS Data Problem Reporting System: http://wdprs.internic.net/
>>> Last update of WHOIS database: 2020-02-25T18:37:55-0800 <<<

For more information on WHOIS status codes, please visit:
  https://www.icann.org/resources/pages/epp-status-codes

If you wish to contact this domain's Registrant, Administrative, or Technical
contact, and such email address is not visible above, you may do so via our web
form, pursuant to ICANN's Temporary Specification. To verify that you are not a
robot, please enter your email address to receive a link to a page that
facilitates email communication with the relevant contact(s).

Web-based WHOIS:
  https://domains.markmonitor.com/whois

If you have a legitimate interest in viewing the non-public WHOIS details, send
your request and the reasons for your request to whoisrequest@markmonitor.com
and specify the domain name in the subject line. We will review that request and
may ask for supporting documentation and explanation.

The data in MarkMonitor's WHOIS database is provided for information purposes,
and to assist persons in obtaining information about or related to a domain
name's registration record. While MarkMonitor believes the data to be accurate,
the data is provided "as is" with no guarantee or warranties regarding its
accuracy.

By submitting a WHOIS query, you agree that you will use this data only for
lawful purposes and that, under no circumstances will you use this data to:
  (1) allow, enable, or otherwise support the transmission by email, telephone,
or facsimile of mass, unsolicited, commercial advertising, or spam; or
  (2) enable high volume, automated, or electronic processes that send queries,
data, or email to MarkMonitor (or its systems) or the domain name contacts (or
its systems).

MarkMonitor.com reserves the right to modify these terms at any time.

By submitting this query, you agree to abide by this policy.

MarkMonitor is the Global Leader in Online Brand Protection.

MarkMonitor Domain Management(TM)
MarkMonitor Brand Protection(TM)
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Professional and Managed Services

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```