- Q1. What is the IP address of your computer?
- Q2. Within the IP packet header, what is the value in the upper layer protocol field?
- Q3. How many bytes are in the IP header? How many bytes are in the payload of the IP datagram? Explain how you determined the number of payload bytes.
- Q4. What is the value in the Identification field and the TTL field?

A1: 192.168.0.59

A2: TCP

A3: IP Header Length: 20 bytes, Payload = Total Length – Header Length = 544 – 20 = 524 bytes

A4: Identification: 52921, TTL: 128

```
No.
       Time
                                               Protocol Length Info
                 Source
                                Destination
                                                           558 GET /wireshark-labs/TCP-wireshark-file1.html HTTP/1.1
+ 56 2.868810 192.168.0.59 128.119.245.12 HTTP
  Frame 56: 558 bytes on wire (4464 bits), 558 bytes captured (4464 bits) on interface \Device\NPF_{383AB472-BE8A-4F5
  Ethernet II, Src: ASUSTekC_2b:89:ce (58:11:22:2b:89:ce), Dst: HitronTe_19:32:72 (60:6c:63:19:32:72)
✓ Internet Protocol Version 4, Src: 192.168.0.59, Dst: 128.119.245.12
      0100 .... = Version: 4
      .... 0101 = Header Length: 20 bytes (5) A3 Payload = 524
   Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
      Total Length: 544
     Identification: 0xceb9 (52921)
     010. .... = Flags: 0x2, Don't fragment
         0... = Reserved bit: Not set
         .1.. .... = Don't fragment: Set
         ..0. .... = More fragments: Not set
       ...0 0000 0000 0000 = Fragment Offset: 0
      Time to Live: 128
      Protocol: TCP (6) A2
      Header Checksum: 0x0000 [validation disabled]
      [Header checksum status: Unverified]
      Source Address: 192.168.0.59
      Destination Address: 128.119.245.12
> Transmission Control Protocol, Src Port: 10128, Dst Port: 80, Seq: 1, Ack: 1, Len: 504
  Hypertext Transfer Protocol
```