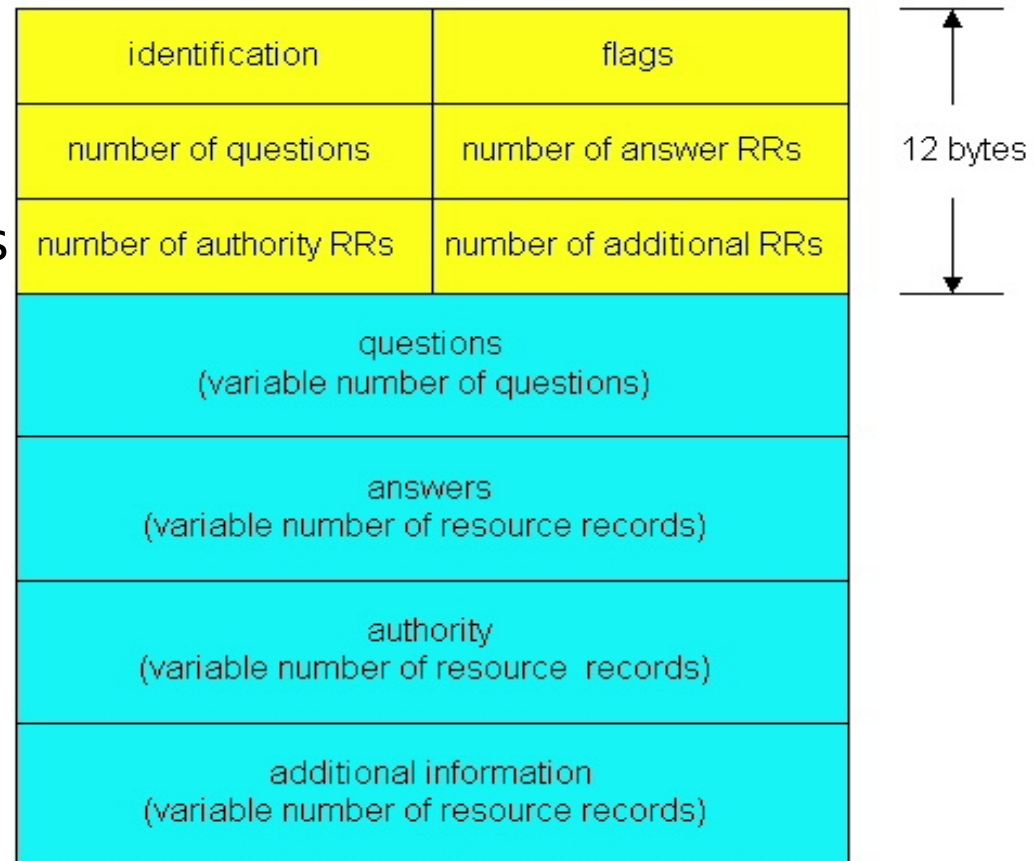


Goal: Build a DNS client in python that sends a query to a DNS server. Use Wireshark to see the DNS response.

DNS protocol : *query* and *reply* messages, both with same *message format*

msg header

- ❑ **identification**: 16 bit # for query, reply to query uses same #
- ❑ **flags**:
 - ❖ query or reply
 - ❖ recursion desired
 - ❖ recursion available
 - ❖ reply is authoritative



Goal: Build a DNS client in python that sends a query to a DNS server. Use Wireshark to see the DNS response.

