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DNS Programming Assignment — -bash — 124×37
thedudesmacbook: DNS Programming Assignment thedude$ python3 dnsclient.py 127.0.0.1 9999 host123.student.test A IN
Sending Request to 127.0.0.1, 9999
Message ID: 35
Question Length: 25 bytes
Answer Length: 0 bytes
Question: host123.student.test A IN
Received Response from 127.0.0.1, 9999
Return Code: 0 (No errors)
Message ID: 35
Question Length: 25 bytes
Answer Length: 52 bytes
Question: host123.student.test A IN
Answer: host123.student.test A IN 3600 192.168.120.123
thedudesmacbook:DNS Programming Assignment thedude$ python3 dnsclient.py 127.0.0.1 9999 host-not-exist.student.test A IN
Sending Request to 127.0.0.1, 9999
Message ID: 54
Question Length: 32 bytes
Answer Length: 0 bytes
Question: host-not-exist.student.test A IN
Received Response from 127.0.0.1, 9999
Return Code: 1 (Name does not exist)
Message ID: 54
Question Length: 32 bytes
Answer Length: 0 bytes
Question: host-not-exist.student.test A IN
thedudesmacbook:DNS Programming Assignment thedude$ python3 dnsclient.py 127.0.0.1 9999 host-not-exist.student.test A IN
Sending Request to 127.0.0.1, 9999
Message ID: 63
Question Length: 32 bytes
Answer Length: 0 bytes
Question: host-not-exist.student.test A IN
Request timed out ..
Sending Request to 127.0.0.1, 9999
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■ DNS Programming Assignment — -bash — 124×37
Answer Length: 0 bytes
Question: host123.student.test A IN
Received Response from 127.0.0.1, 9999
Return Code: 0 (No errors)
Message ID: 35
Question Length: 25 bytes
Answer Length: 52 bytes
Question: host123.student.test A IN
Answer: host123.student.test A IN 3600 192.168.120.123
thedudesmacbook:DNS Programming Assignment thedude$ python3 dnsclient.py 127.0.0.1 9999 host-not-exist.student.test A IN
Sending Request to 127.0.0.1, 9999
Message ID: 54
Question Length: 32 bytes
Answer Length: 0 bytes
Question: host-not-exist.student.test A IN
Received Response from 127.0.0.1, 9999
Return Code: 1 (Name does not exist)
Message ID: 54
Question Length: 32 bytes
Answer Length: 0 bytes
Question: host-not-exist.student.test A IN
thedudesmacbook:DNS Programming Assignment thedude$ python3 dnsclient.py 127.0.0.1 9999 host-not-exist.student.test A IN
Sending Request to 127.0.0.1, 9999
Message ID: 63
Question Length: 32 bytes
Answer Length: 0 bytes
Question: host-not-exist.student.test A IN
Request timed out ...
|Sending Request to 127.0.0.1, 9999
Request timed out ...
Sending Request to 127.0.0.1, 9999
Request timed out ... Exiting Program.
thedudesmacbook:DNS Programming Assignment thedude$
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