

```
Edels-MacBook-Pro:Assignment_3_dns edelebarcenas$ python3 dns-server.py 127.0.0.1 9999
The server is ready to receive on port: 9999
```

```
Edels-MacBook-Pro:Assignment_3_dns edelebarcenas$ python3 dns-client.py 127.0.0.1 9999 host1.student.test
Sending Request to 127.0.0.1 9999:
Message ID: 32
Question Length: 23 bytes
Answer Length: 0 bytes
Question: host1.student.test A IN

Received Response From 127.0.0.1 9999:
Message ID: 32
Return Code: 0 (No Errors)
Question Length: 23 bytes
Answer Length: 41
Question: host1.student.test A IN
Answer: host1.student.test A IN 3600 192.168.10.1
Edels-MacBook-Pro:Assignment_3_dns edelebarcenas$
```

```
Edels-MacBook-Pro:Assignment_3_dns edelebarcenas$ python3 dns-client.py 127.0.0.1 9999 host-not-exist.student.test
Sending Request to 127.0.0.1 9999:
Message ID: 81
Question Length: 32 bytes
Answer Length: 0 bytes
Question: host-not-exist.student.test A IN

Received Response From 127.0.0.1 9999:
Message ID: 81
Return Code: 1 (Name Does Not Exist)
Question Length: 32 bytes
Answer Length: 0
Question: host-not-exist.student.test A IN
Edels-MacBook-Pro:Assignment_3_dns edelebarcenas$
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### Server Was Not Run for the Final Test

```
Edels-MacBook-Pro:Assignment_3_dns edelebarcenas$ python3 dns-client.py 127.0.0.1 9999 host3.test
Sending Request to 127.0.0.1 9999:
Message ID: 18
Question Length: 15 bytes
Answer Length: 0 bytes
Question: host3.test A IN

Request Timed Out...
Resending Request to 127.0.0.1 9999
Request Timed Out...
Resending Request to 127.0.0.1 9999
Request Timed Out...
Resending Request to 127.0.0.1 9999
Requests Failed, Exiting Program
Edels-MacBook-Pro:Assignment_3_dns edelebarcenas$
```