Lab-3

1. Perform nslookup to obtain the IP address for some Australian university

```
Windows PowerShell

(Copyright (C) Microsoft Corporation. All rights reserved.

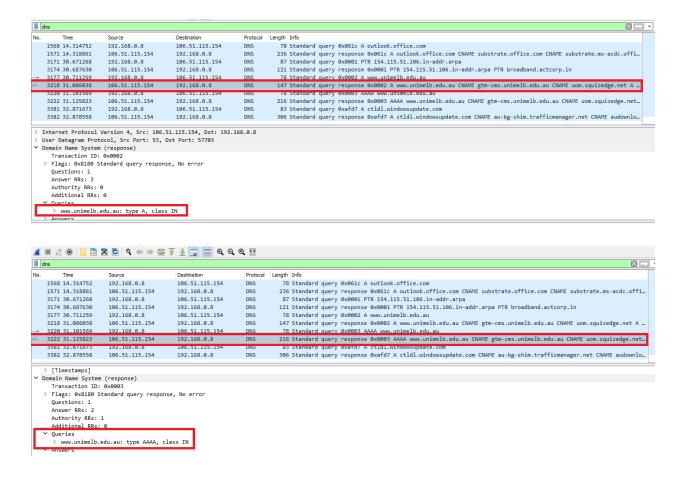
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\gurus> nslookup www.unimelb.edu.au
Server: broadband.actcorp.in
Address: 106.51.115.154

Non-authoritative answer:

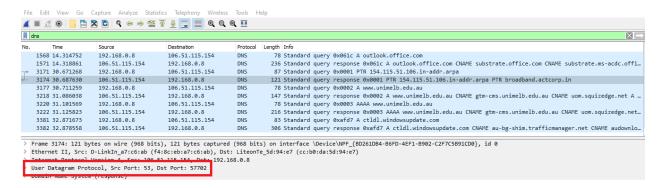
Address: 202.9.95.188
Aliases: www.unimelb.edu.au
gtm-cms.unimelb.edu.au
PS C:\Users\gurus>
```

2. Locate the DNS query and response in wireshark



Does it use TCP or UDP?

It uses UDP.



4. What is the destination port for the DNS query message and source port of the DNS response message?

The destination port of the DNS query message is 53

The source port of the DNS response message is 53



