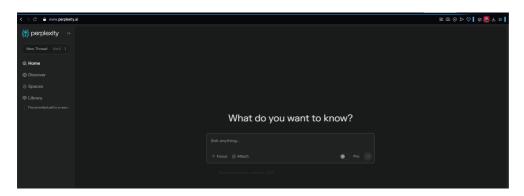
Aim: Capturing and analysing network packets using Wireshark (Fundamentals)

- Identification the live network
- Capture Packets
- Analyse the captured packets.

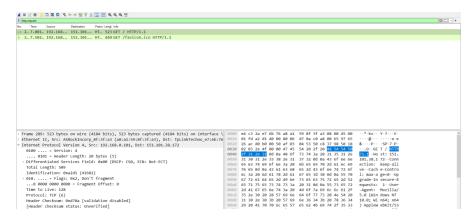
Step 1: Wireshark captures all the packets going in and out of our systems. To Capture traffic on your wireless network, Right click on your "Wi-Fi" interface and then click on "Start capture".



Step 2: Go to any website in your browser and perform some actions.



Step 3: Now come back to Wireshark and stop the recording and search for http.



1. Display packets which are having specific IP-address

> ip.addr == 192.168.0.101

```
| Section | Control | Cont
```

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2. Display packets which are having specific IP-address source

> ip.src==192.168.211.1



3. Display packets which are having specific IP-address destination

```
> ip.dst == 192.168.211.134
```

```
| Comparison | Co
```

4. Display packets which are using http protocol

## >http

```
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```

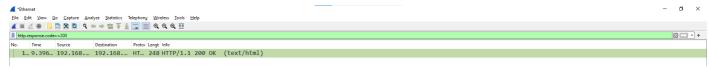
5. Display packets which are using http request

> http.request

```
## 15 58 | 1/50 $6 | Carter Analysis Statistics Supplying Windows Statistics Statistics
```

6. Display packets having no error connecting to server

>http.response.code==200



7. Display packets having port number 80,443

>tcp.port==80|| udp.port==443

8. Display packets which contains keyword Google.

>tcp contains google

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