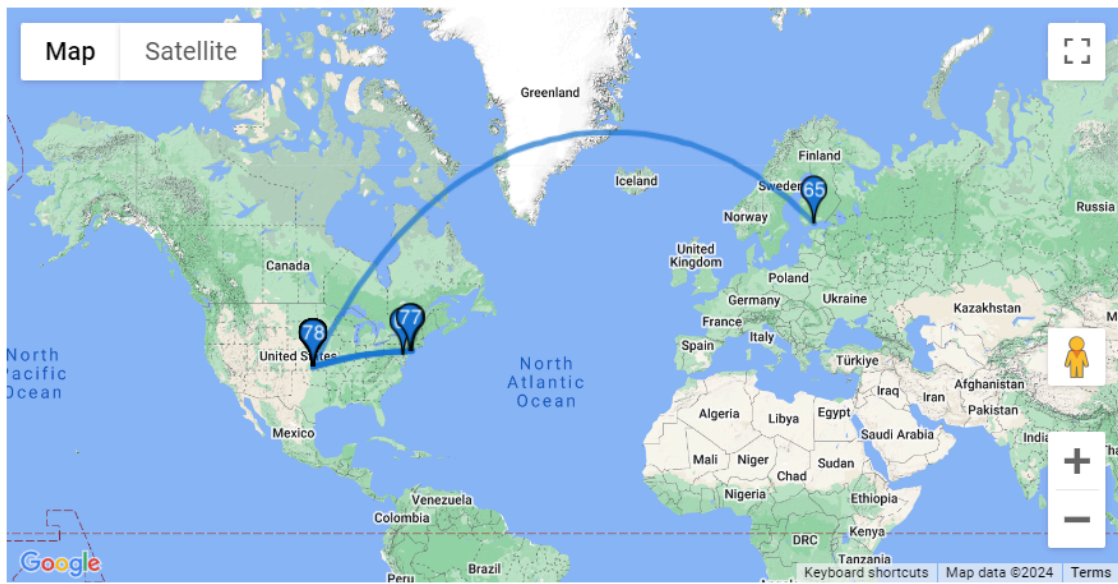# Assignment 3

Aditya (B21083), Aishal (B21084), Alhad (B21090), Swarnarup (B21140)

Q2
Google.com

www.google.com

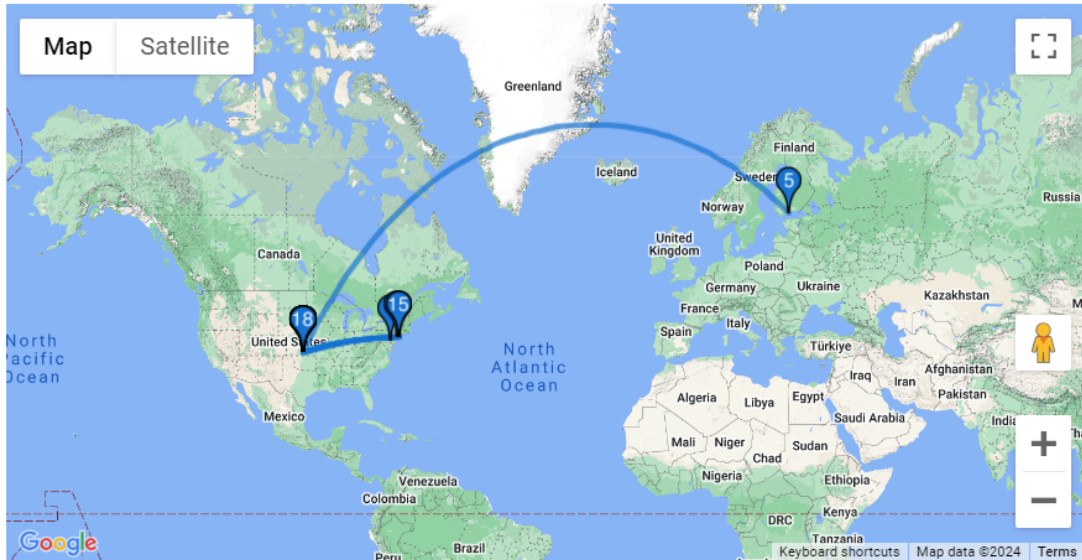TRACE

traceroute to www.google.com (142.250.190.100), 30 hops max

Hop	Host	IP	Time (ms)
1	_gateway	209.151.144.1	0.109ms
2	100.70.166.129	100.70.166.129	0.266ms
3	172.23.255.93	172.23.255.93	0.235ms
4	172.23.255.238	172.23.255.238	0.269ms
5	r1-sjo1-po1.us.net.upcloud.com	94.237.0.38	0.315ms
6	ae17-727.cr0-sjc1.ip4.gtt.net	69.174.20.9	0.658ms
7	ae11.cr4-lax2.ip4.gtt.net	89.149.140.77	8.725ms
8	72.14.194.163	72.14.194.163	8.542ms
9	108.170.247.129	108.170.247.129	8.960ms
10	108.170.247.147	108.170.247.147	8.012ms
11	108.170.234.15	108.170.234.15	10.448ms
12	108.170.231.152	108.170.231.152	39.443ms
13	142.251.229.33	142.251.229.33	47.284ms
14	216.239.49.154	216.239.49.154	54.477ms
15	216.239.57.76	216.239.57.76	60.654ms
16	108.170.243.225	108.170.243.225	55.014ms
17	142.251.60.205	142.251.60.205	52.858ms
18	ord37s35-in-f4.1e100.net	142.250.190.100	52.846ms

B. gmail.com

www.gmail.com

TRACE

traceroute to www.gmail.com (**172.217.4.37**), 30 hops max

Hop	Host	IP	Time (ms)
1	_gateway	209.151.144.1	0.112ms
2	100.70.166.129	100.70.166.129	0.402ms
3	172.23.255.93	172.23.255.93	0.178ms
4	172.23.255.238	172.23.255.238	0.198ms
5	r1-sjo1-po1.us.net.upcloud.com	94.237.0.38	0.241ms
6	ae17-727.cr0-sjc1.ip4.gtt.net	69.174.20.9	0.711ms
7	ae28.cr2-sjc1.ip4.gtt.net	89.149.136.149	0.737ms
8	as15169.sjc10.ip4.gtt.net	199.229.230.134	1.593ms
9	142.251.66.255	142.251.66.255	2.218ms
10	192.178.105.118	192.178.105.118	3.110ms
11	142.250.234.60	142.250.234.60	2.382ms
12	142.251.51.43	142.251.51.43	9.514ms
13	192.178.74.252	192.178.74.252	39.513ms
14	192.178.72.198	192.178.72.198	49.136ms
15	142.251.234.37	142.251.234.37	49.279ms
16	108.170.243.174	108.170.243.174	50.377ms
17	216.239.47.87	216.239.47.87	51.462ms
18	ord38s18-in-f5.1e100.net	172.217.4.37	49.339ms