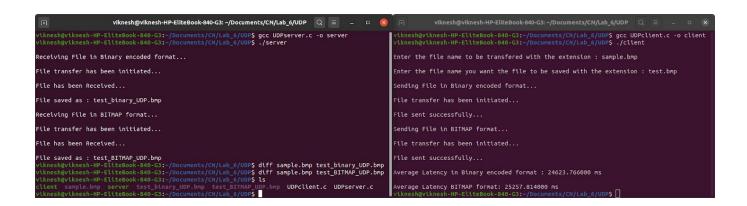
PRACTICE - 6

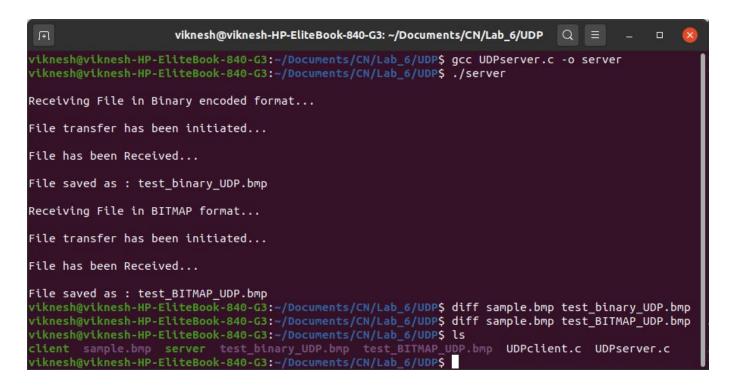
Sending a BITMAP image file from Client to Server in a binary-encoded form in both TCP/UDP. Also, analyze the performance in terms of Latency between the binary encoded text file and BITMAP image file.

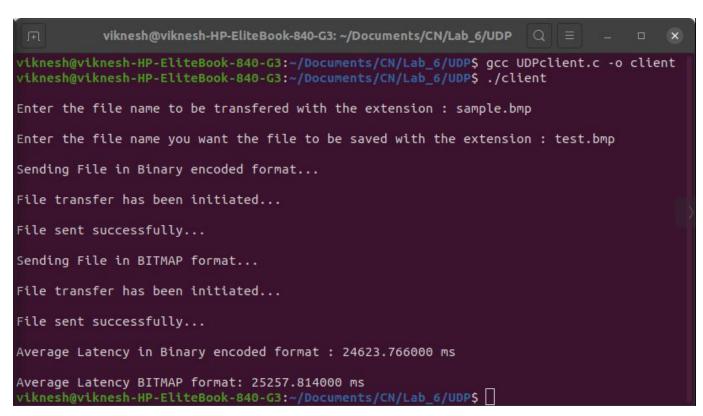
VIKNESH RAJARAMON COE18B060

UDP

Output





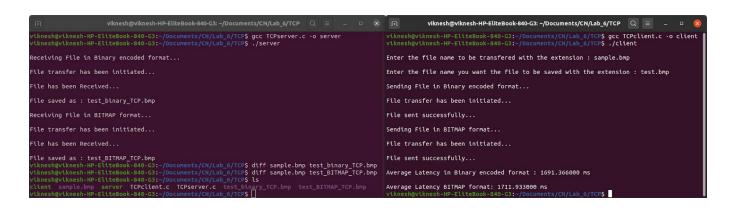


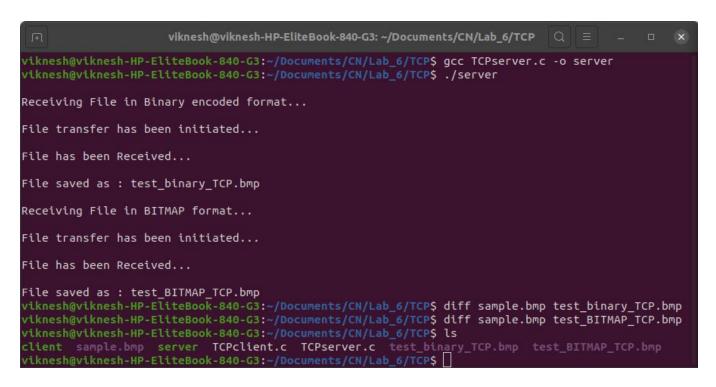
Images

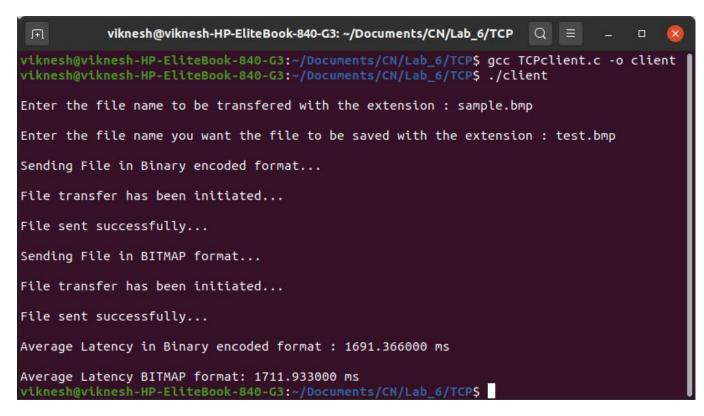


TCP

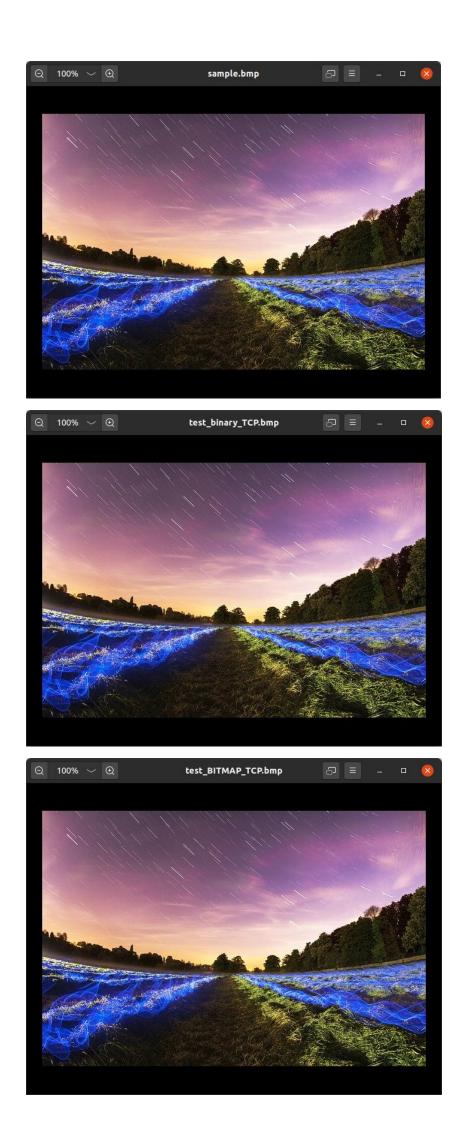
Output







Images



ANALYSING THE PERFORMANCE

In both TCP and UDP, sending the file in binary encoded format is faster when compared to sending the file in BITMAP image file.

In UDP,

Latency of sending the file in Binary encoded format = 24623.766000 ms Latency of sending the file in BITMAP image file = 25257.814000 ms

Difference between Latency = 25257.814000 - 24623.766000 = 634.048000 ms

In TCP,

Latency of sending the file in Binary encoded format = 1691.366000 ms

Latency of sending the file in BITMAP image file = 1711.933000 ms

Difference between Latency = 1711.933000 - 1691.366000 = 20.567000 ms