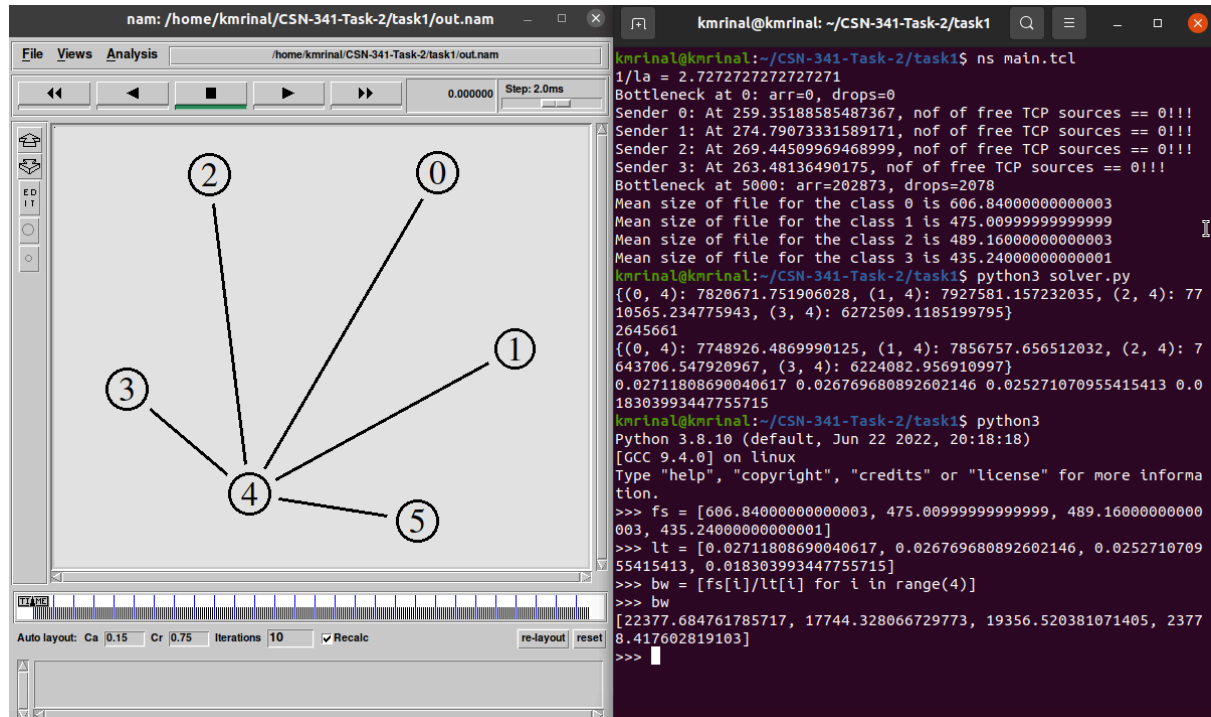# Task 1

p = 1%

Average Class Delay:
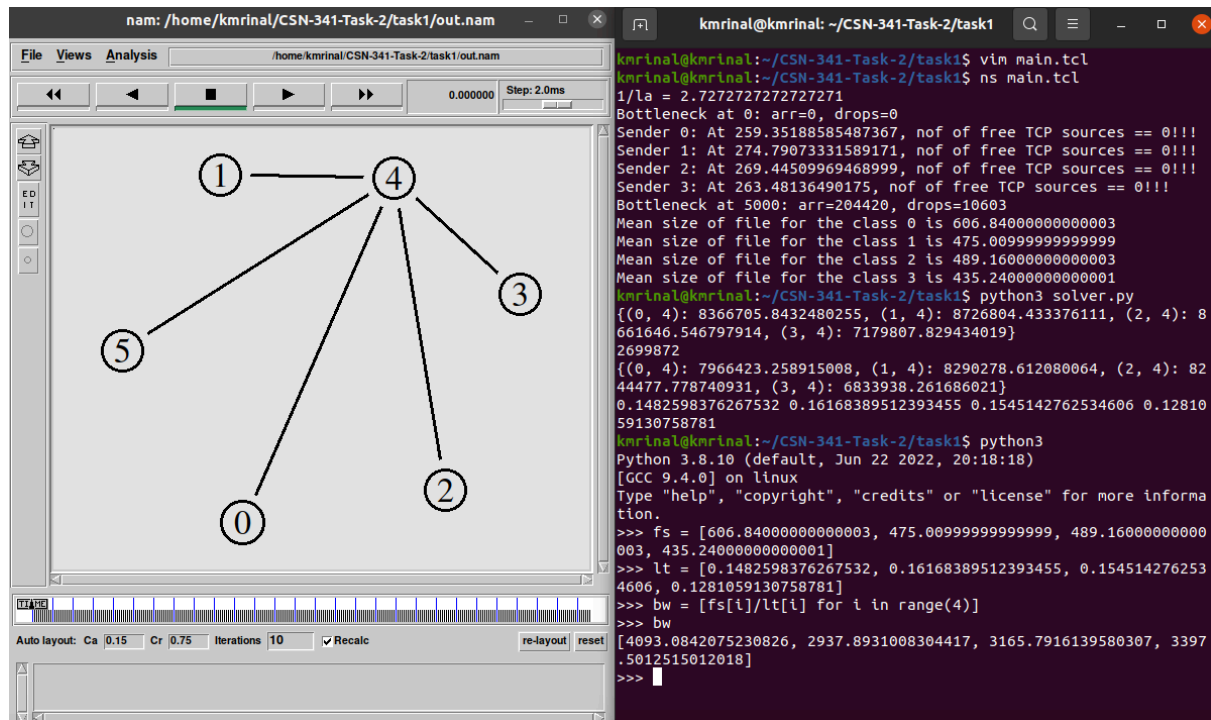
1 -> 0.02711
2 -> 0.02676
3 -> 0.02527
4 -> 0.01830

Average Bandwidth:

1 -> 22377.684761785717 packets/s
2 -> 17744.328066729773 packets/s
3 -> 19356.520381071405 packets/s
4 -> 23778.417602819103 packets/s

Wi/W1:

1 -> 1
2 -> 0.9871522644984663
3 -> 0.9318898876689162
4 -> 0.6749736260887033

p = 5%

Average Class Delay:

1 -> 0.1482598376267532
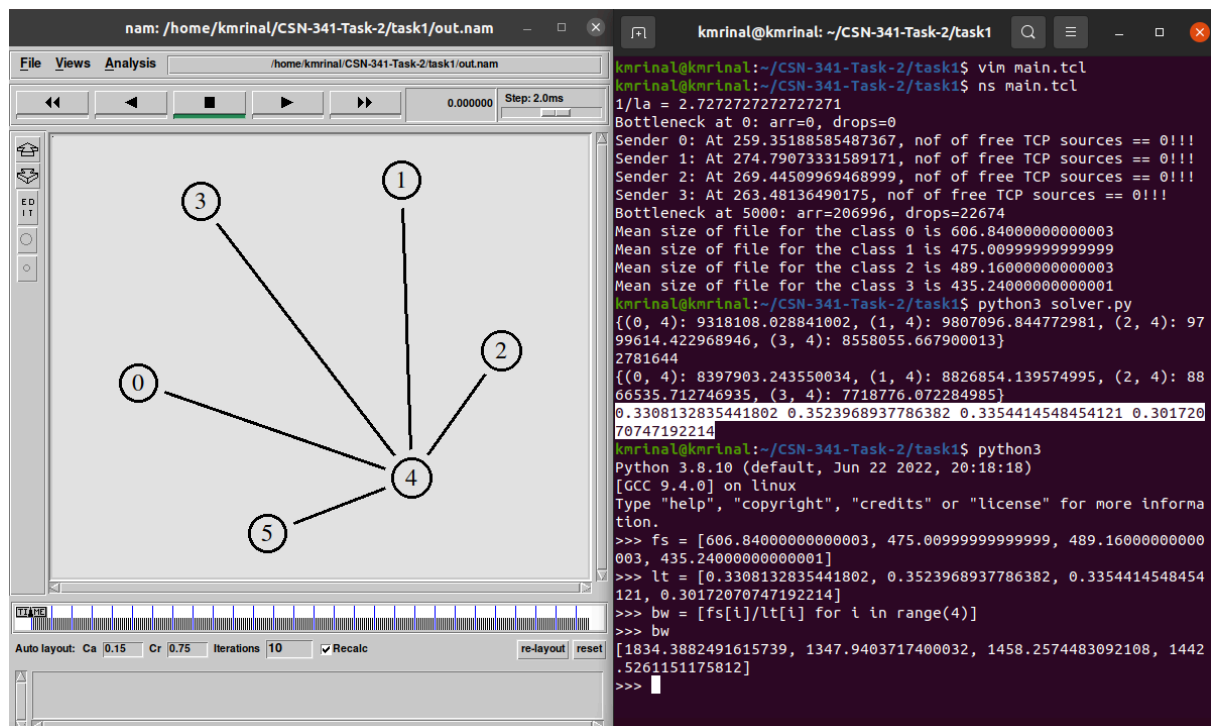2 -> 0.16168389512393455
3 -> 0.1545142762534606
4 -> 0.1281059130758781

Average Bandwidth:

1 -> 24093.0842075230826 packets/s
2 -> 2937.8931008304417packets/s
3 -> 3165.7916139580307 packets/s
4 -> 3397.5012515012018 packets/s

Wi/W1:

1 -> 1
2 -> 1.0905441265285656
3 -> 1.042185656795693
4 -> 0.8640634923558127

p = 10%

Average Class Delay:

1 -> 0.3308132835441802
2 -> 0.3523968937786382
3 -> 0.3354414548454121
4 -> 0.30172070747192214

Average Bandwidth:

1 -> 1834.3882491615739 packets/s
2 -> 1347.9403717400032 packets/s
3 -> 1458.2574483092108 packets/s
4 -> 1442.5261151175812 packets/s

Wi/W1:

1 -> 1
2 -> 1.0652440857368881
3 -> 1.013990282529310
4 -> 0.9120574126873816