

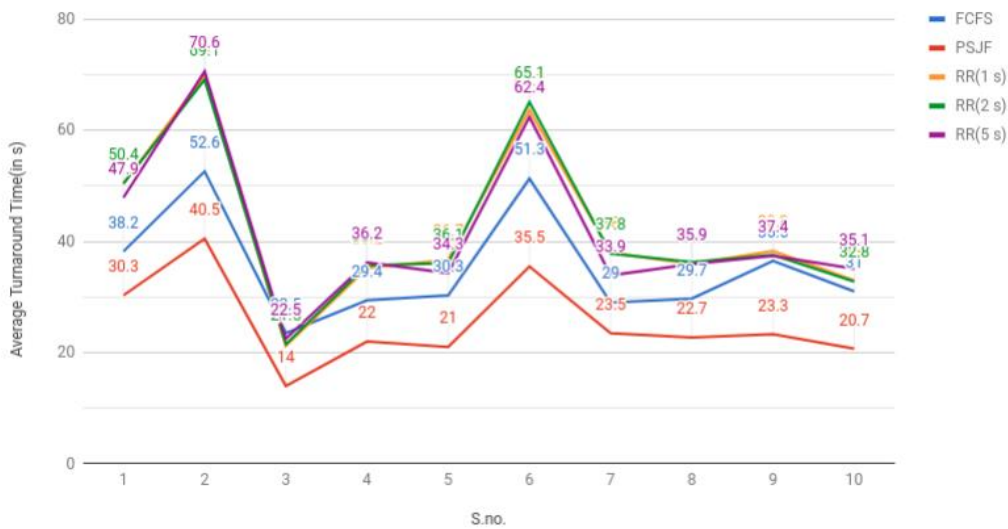
Lab Assignment 3: Group – 49 : Prajwal Singhania(15CS30043) and Tanay Bhartia(15CS30036)

$N = 10$ and $Mean = 0.005$

| SNo | FCFS | PSJF | RR(1 s) | RR(2 s) | RR(5 s) |
|-----|------|------|---------|---------|---------|
| 1 | 38.2 | 30.3 | 50.4 | 50.4 | 47.9 |
| 2 | 52.6 | 40.5 | 69.9 | 69.1 | 70.6 |
| 3 | 23.5 | 14 | 21.2 | 21.5 | 22.5 |
| 4 | 29.4 | 22 | 35.2 | 35.7 | 36.2 |
| 5 | 30.3 | 21 | 36.7 | 36.1 | 34.3 |
| 6 | 51.3 | 35.5 | 63.7 | 65.1 | 62.4 |
| 7 | 29 | 23.5 | 38 | 37.8 | 33.9 |
| 8 | 29.7 | 22.7 | 35.9 | 36.3 | 35.9 |
| 9 | 36.5 | 23.3 | 38.3 | 37.6 | 37.4 |
| 10 | 31 | 20.7 | 33 | 32.8 | 35.1 |

Average Turnaround Times wrt S.no.

$N = 10$ and $Mean = 0.005$



$N = 50$ and $Mean = 0.005$

| SNo | FCFS | PSJF | RR(1 s) | RR(2 s) | RR(5 s) |
|-----|--------|--------|---------|---------|---------|
| 1 | 148.96 | 111.6 | 229.5 | 228 | 215.14 |
| 2 | 213.96 | 151.38 | 321.68 | 319.92 | 296.72 |
| 3 | 114.28 | 83.7 | 168.48 | 166.08 | 151.78 |
| 4 | 196.48 | 126.64 | 287.56 | 282.14 | 274.52 |
| 5 | 142.04 | 81.9 | 180.44 | 178.48 | 172.22 |
| 6 | 134.12 | 75.78 | 165.1 | 164.64 | 159.74 |
| 7 | 155.94 | 97.86 | 212.3 | 209.38 | 206.2 |
| 8 | 86.2 | 50.46 | 114.92 | 113 | 105.18 |
| 9 | 168.66 | 92.88 | 207.16 | 207 | 210.78 |
| 10 | 146.56 | 84.52 | 189.32 | 188.04 | 174.56 |

Average Turnaround Times wrt S.no.

N = 50 and Mean = 0.005



N = 100 and Mean = 0.005

| SNo | FCFS | PSJF | RR(1 s) | RR(2 s) | RR(5 s) |
|-----|---------|--------|---------|---------|---------|
| 1 | 285.76 | 178.73 | 384.73 | 377.51 | 360.68 |
| 2 | 327.5 | 197.42 | 451.4 | 445.01 | 433.02 |
| 3 | 348.25 | 209.98 | 465.33 | 460.82 | 457.09 |
| 4 | 263.04 | 159.92 | 356.68 | 350.71 | 343.81 |
| 5 | 304.77 | 177.26 | 407.77 | 404.41 | 389.4 |
| 6 | 346.711 | 210.46 | 484.65 | 480.41 | 456.25 |
| 7 | 266.28 | 156.95 | 356.1 | 351.05 | 342 |
| 8 | 342.6 | 223.64 | 489.27 | 482.09 | 468.15 |
| 9 | 286.55 | 187.37 | 406.49 | 402.52 | 383.49 |
| 10 | 304.29 | 190.95 | 424 | 417.35 | 400.55 |

Average Turnaround Times wrt S.no.

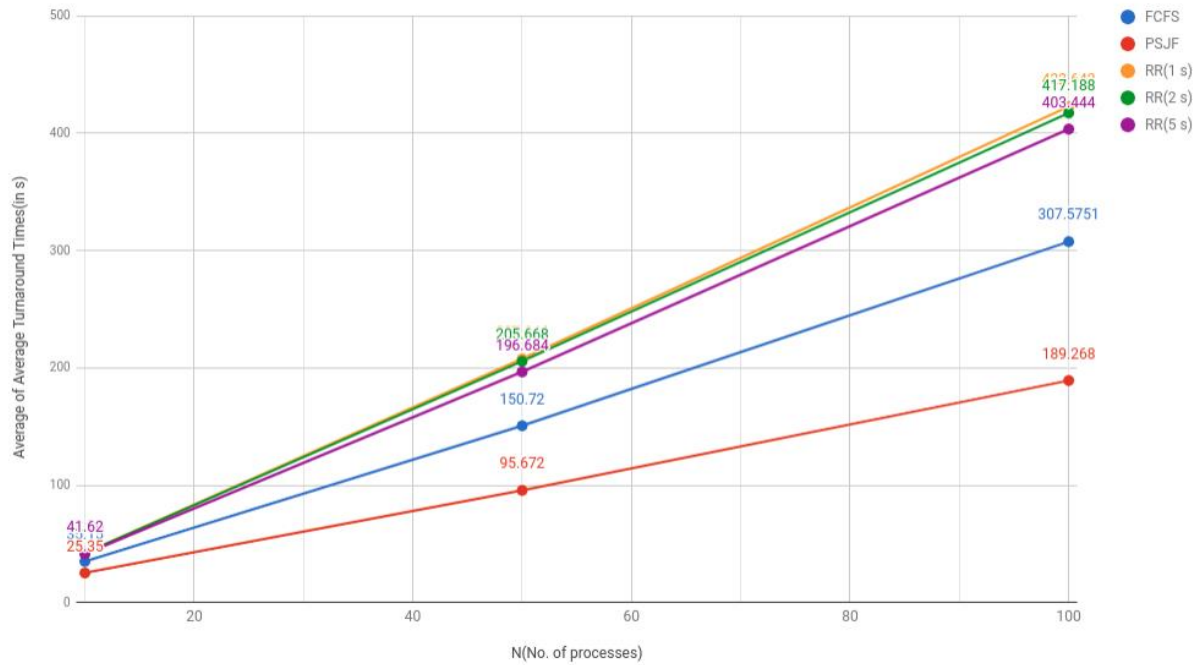
N = 100 and Mean = 0.005



Average of Average Turnaround Times(ATNs)

| N | FCFS | PSJF | RR(1 s) | RR(2 s) | RR(5 s) |
|-----|----------|---------|---------|---------|---------|
| 10 | 35.15 | 25.35 | 42.23 | 42.24 | 41.62 |
| 50 | 150.72 | 95.672 | 207.646 | 205.668 | 196.684 |
| 100 | 307.5751 | 189.268 | 422.642 | 417.188 | 403.444 |

Averages of Average Turnaround Time wrt N



Average of Average Turnaround Times

