CS-342 Project 2
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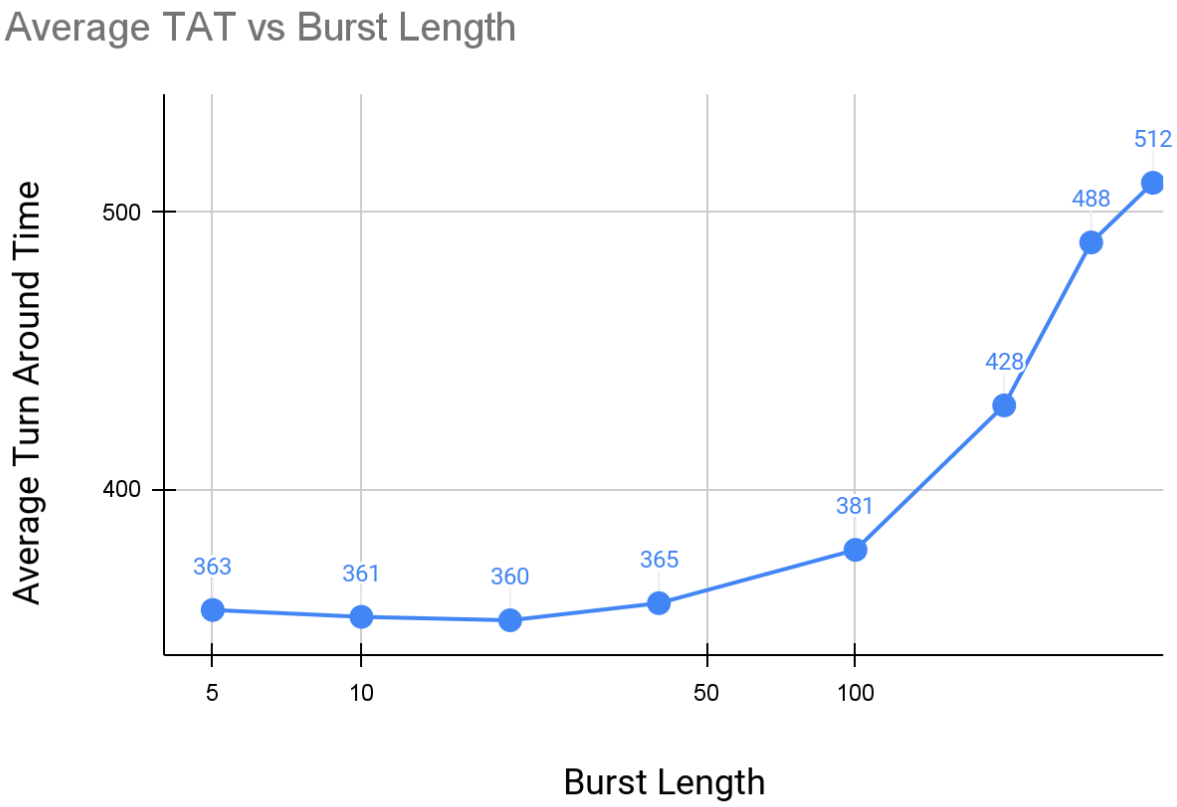
Plot Of Input With Varying Time Quantums



Above is plot of average turn around time (TAT) (y axis) vs burst length (x axis). Both axis' are shown in logarithmic scale as it is more suitable to understand the effects of burst length on average TAT. We can see that we get the best average TAT at 20 burst length. Any shorter burst length is suboptimal. This is caused by slight delay of finishing bursts as the active burst is switched too quickly. Meanwhile as the time quantum gets larger and larger we see that the average TAT quickly increases, reaching FCFS time, since when the time quantum reaches the largest burst size in our job queue (400 in this case), round robin essentially becomes FCFS.

FCFS	512
SJF	227
SJRF	219