CS342 Fall 2021

Project 2

Experiment and Report

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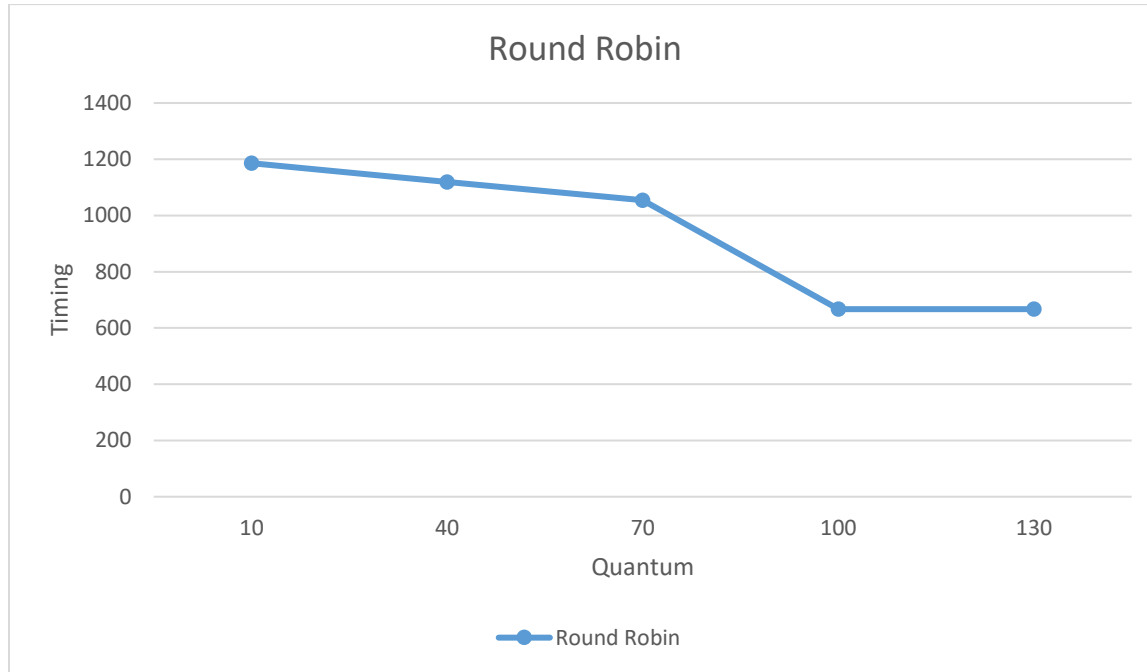**Group Members' ID:** 21702908, 21802492

Section: 1

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Report for Round Robin

The experiment has been done with 30 bursts and maximum burst rate was 100.

FCFS timing was 676 unit time.

With small value of quantum, average turnaround time for round robin is relatively high with respect to higher quantum values with round robin. However, with the small value of quantum, the response time is better than FCFS. With higher values of the quantum, round robin algorithm behaves similar to FCFS, which leads to lower turnaround time, however higher response times.

As a conclusion, round robin algorithm depends on the quantum time. Quantum time can change its turnaround time, with higher values of round robin it behaves as FCFS.