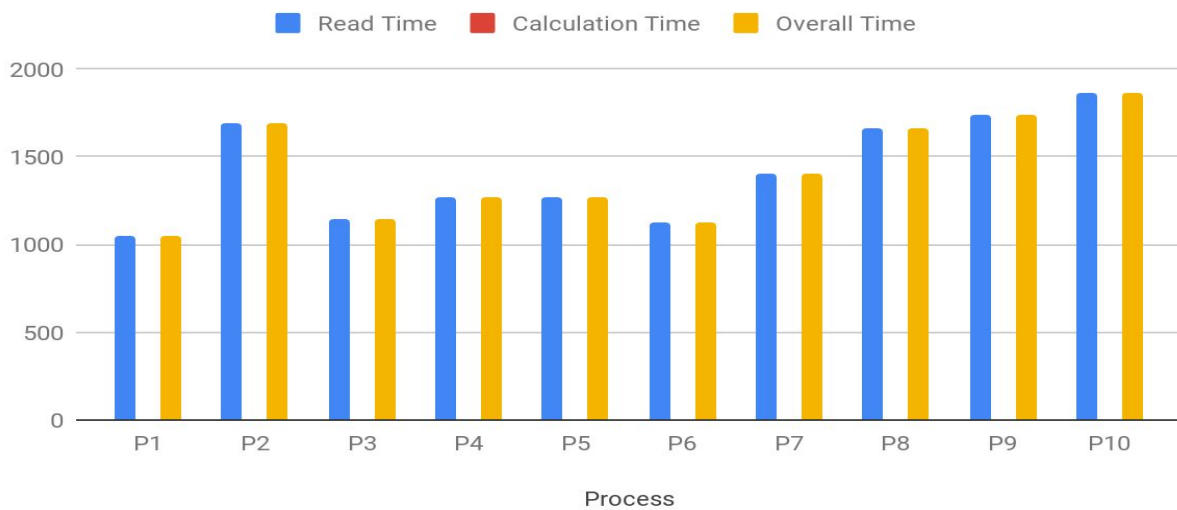Enamadi Sanath Yashwin

18CS01057

Assignment - 4 Solution

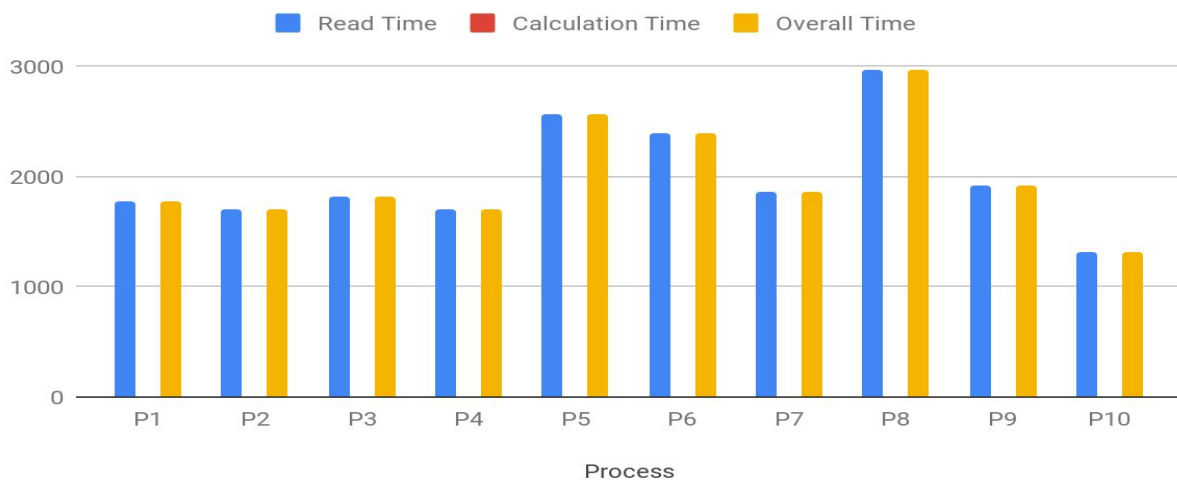The below are the results for 10 processes with default nice values.

The below are the results for 10 processes with varying nice values.

The nice values of the processes set for the above graph are as below. All the times are in micro seconds.

```
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n -20 ./main_file_01
1770
0
1770
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n -16 ./main_file_01
1705
0
1705
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n -12 ./main_file_01
1812
0
1812
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n -8 ./main_file_01
1699
0
1699
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n -4 ./main_file_01
2570
0
2570
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n 0 ./main_file_01
2386
1
2387
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n 4 ./main_file_01
1867
0
1867
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n 8 ./main_file_01
2969
0
2969
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n 12 ./main_file_01
1914
0
1914
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/22.09.2020$ sudo nice -n 16 ./main_file_01
1308
0
1308
```