Spring 2020: Operating System Assignment 2 Evaluation

Student Information

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Roll #: 18I-0621                                      Lab Instructor: Ma'am Yasmeen Afzal

Section: D                                 Submission: On-Time: Yes Late: No

Submission Date: 18th April                Submission Time: 5:50AM (Resubmission)



Evaluation Rules:

Assign yourself marks according to your implementation of a given feature, e.g. assign yourself full marks if you claim a complete implementation of a given feature.

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| Self-Evaluation | | | |
| Sr No. | Feature | Total Marks | Obtained Marks |
| 1. | Creation of five different state processes using fork & exec | 10 |  |
| 2. | Implementation of Pipes to establish IPC | 20 |  |
| 3. | Implementation of dup/dup2 for redirection towards pipes/files | 20 |  |
| 4. | Admit State Implementation | 5 |  |
| 5. | Ready State Implementation | 10 |  |
| 6. | Scheduling algorithm Implementation using FCFS | 5 |  |
| 7. | Scheduling algorithm Implementation using SJF | 5 |  |
| 8. | Scheduling algorithm Implementation using RR | 5 |  |
| 9. | Scheduling algorithm Implementation using SRTF | 5 |  |
| 10. | Running State Implementation | 10 |  |
| 11. | Blocked State Implementation | 10 |  |
| 12. | Exit State Implementation | 5 |  |
| 13. | Ready State Implementation (Multithreaded) | 15 |  |
| 14. | Blocked State Implementation (Multithreaded) | 15 |  |
| 15. | Synchronization/Integration of Code | 20 |  |
| 16. | Maintained Proper Output File | 5 |  |
| 17. | Code quality (comments, indentation, new lines etc.) | 5 |  |
| 18. | Correctly following the submission instructions | 5 |  |
| 19. | Use of File Stream Objects | -10% |  |
| 20. | Plagiarism deduction | -100% |  |
|  | Total Marks | 175 |  |

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| To be filled by the Evaluator |
| Evaluator's Name & Signatures: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Evaluator's Comments:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |