1) A general outline of your understanding of the assigned work.

We need to implement round robin CPU scheduling algorithm on the first assignment code. I just took one input in standard input for taking quantum time, and I followed the textbook to understand the round-robin structure. I implemented new conditions and rules for finding round robin's scheduled CPU with an example dataset.

For three-level feedback queue CPU scheduling, I took two inputs from standard input. Also, this algorithm should run with preemptive scheduling employing a queue. For the preemptive processes, I created another temporary process queue for the process (3.a) pre-emptive queues, and I put for loop to go over preemptive processes. (That works as a condition for finding eligible preemptive processes). At 3.b, I need to promote the process queue if the CPU is available. At 3.c, I need to implement a new process node replacer in the queue.

2) A clear statement about the assigned work/components you believe you have done/completed successfully.

I am sure to complete round-robin instructions. I worked on this code very detail. I also drew all schemes on the paper to understand better. I already made a first come first served CPU scheduling assignment. I compared outputs. They give similar outputs. I implemented round robin CPU scheduling algorithm on the first code. I am taking quantum time input from standard input and I follow the quantum remaining with this quantum time variable. I followed the same round-robin (RR) structure in the textbook.

I read the course textbook to understand it completely. In the (a) section in the assignment instructions, I created a new temporary process queue. That's moving all processes to other queues to complete these instructions. For the (c) section, I created the replaceBeginningofQueue(process_queue *readyForProcessQueue, process *process) function before the main function. If the queue is empty, it's making a new node. Otherwise, it's assigning a new node front pointer to the first node. I implemented this feature for higher-prioritized processes. I tested with a test program. It's working correctly. There is three level of feedback and I printed them to verify the data. All of them working.

3) A statement about the work you believe you might have not completed successfully (feel free to comment on related problems, if any).

I couldn't sure how I really implement preemptive scheduling employing queue. I looked for additional sources for understanding how it really works. I am not exactly sure how works now too. I tried to implement it in my fbq. I am taking output successfully. But I am not exactly sure about the logic side.

4) Anything else related to your work that you might wish to comment upon.

I think that assignments were too hard for single-person work. I worked very hard on them. I spend all of them on solving problems. I wished we have a longer time to work on them.