**Assignment 2**

1. The two important things I learnt from this assignment is,
   1. Working of the producer consumer model using polling
   2. Working of semaphores by producer consumer model
2. The 2 mistakes that I made were,
   1. As soon as I read the question, I began coding and getting the input from the user. This was a bad idea because I had to keep changing my code as and when I proceeded with the assignment. I should have planned and thought of the entire logic first before beginning to code.
   2. Initially, I ignored the keyword volatile and failed to understand its importance.
3. I would read the problem carefully, understand all the codes provided by the professor on the wiki page and then try and build a logic for it. Also, I would make sure I understood the problem perfectly before coding.