CS2303 final part2

1. Use patterns will be helpful when communicating with the other members in the group, as it will make codes have same structure which, will help people on reading and using them.
2. The reason of use sequence diagram is for organize the logic of programming: Since the mental process of design a program is first come with the basic logic then go to the detail about implication, in the first step, we need to considering about each steps involve in the program, by drawing sequence diagram, programmer can better predict the process happened in each steps, which will be helpful for debug and implement programs
3. to write test before programming is for making sure the programs can satisfy the actual requirements of the projects, use this technique can help developers navigate the bugs more efficiently, which means spend less time to finish same project.
4. If do not use pointer, no mater how large the actual value be, it will all be added into stack and been copied once again instead just stay in heap, which will add too much pressure on the computer devices. Also, pointer is a direct access of memory, which means it will enable program will be able to modify data out of its field.
5. The disadvantage of global variables is we are not able to control the access of the, which will cause a lot of problems on design the structure of programs, also it may accidently reassigned as it have not access control, possible cause program crush.