Test Reflection 3

Test 3 was another continuation on the first test's design, but this time we had to work with parallel systems and network systems. Where there was a pipe on top of our original pipe to create a parallel fluid system and for a network system another pipe at the bottom along with the pipe on top added to the original pipe. We had to determine the flow rate of the system so we had to find the velocities of both pipes for our first problem, and for the second problem we had to prove that the bottom underneath had the same velocity as the pipe on top. I think for this exam I did fairly ok I wrote down what I knew, reviewed the material for parallel and network systems, as well as looked at the excel exams from class. I asked for help and clarification when I got stuck. Made sure I was using the right equations in order to do the iterations in excel. I did have to go back and make sure that my calculations were correct and that the numbers I got made sense. I improved in the use of the equations and the use of excel from my last tests, but again failed on providing some analysis, summary , and design consideration writing in the exam making my score around a 70 based on the rubric. These two systems are used in everyday planning on what system or systems is the best fit for a particular building plan or for a neighborhood. It can also be applied within boats and submarines as those pipelines work with fluid throughout the body. If I were to take the exam again I would better review the material to make sure I have the best understanding for it and continue to ask for help and clarification wherever I get stuck at. I would make sure that my excel formulas are typed properly and that the calculations are not too small or too big for the system that we are given. Making sure that everything is organized and defined also to include the design consideration, summary, and analysis of the system or design.