Report Assignment 2

First I made the class person that has Name, ID, Age and a setter, getter for each one alongside a constructer, a print function and a structure Appointment. I made a class that inherits from Person, and it’s called customer. The variables it has are MecahnicID and the structure appointment. Also, it overloads the operators so that it can compare between customers. Another class called Mechanic has the number of appointments per day and array of type appointment. In the main, the user enters how many customers, mechanics, and appointments per day. Then there is a for loop that loops until the number of customers entered makes the user input the info of each customer and saves it in an array of customers. Another for loop to get the mechanics data and store it in an array. The last for loop compares between the two arrays the one of customers and checks only the appointments with the array of appointments to see if available; if it is true, it outputs the info of the appointment. Then the customers are pushed into the queue and placed in order first come first serve. I had an error in the code so I could not run it and see the output, so I have no screenshots to add.