

Report Assignment 3

```
Microsoft Visual Studio Debug Console
Enter number of mechanics
Number of mechanics chosen 3
Enter number of customers
Number of customers chosen 4
Please insert the customer's preferred appointment in hours and minutes
Also please insert the age, national ID, and surname
:Please insert the customer's preferred appointment in hours and minutes
Also please insert the age, national ID, and surname
:Please insert the customer's preferred appointment in hours and minutes
Also please insert the age, national ID, and surname
:Please insert the customer's preferred appointment in hours and minutes
Also please insert the age, national ID, and surname
:Enter national ID, age, and username for mechanic number0
Enter national ID, age, and username for mechanic number1
Enter national ID, age, and username for mechanic number2
Customer number 1 has been assigned with mechanic number 1
Customer number 2 has been assigned with mechanic number 2
Customer number 3 has been assigned with mechanic number 3
Customer number 4 has been assigned with mechanic number 1
Customer malek has an appointment with howaida at a10:30
Customer tokhy has an appointment with mo at a10:40
Customer youssef has an appointment with mey at a11:0
Customer jaheen has an appointment with howaida at a13:40

C:\Users\malek\OneDrive\Desktop\AUC\CS II\Assignments\Assignment 3\Assignment 3\x64\Debug\Assignment 3.exe (process 37300) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Here is the output after running.

I used three files as the input data

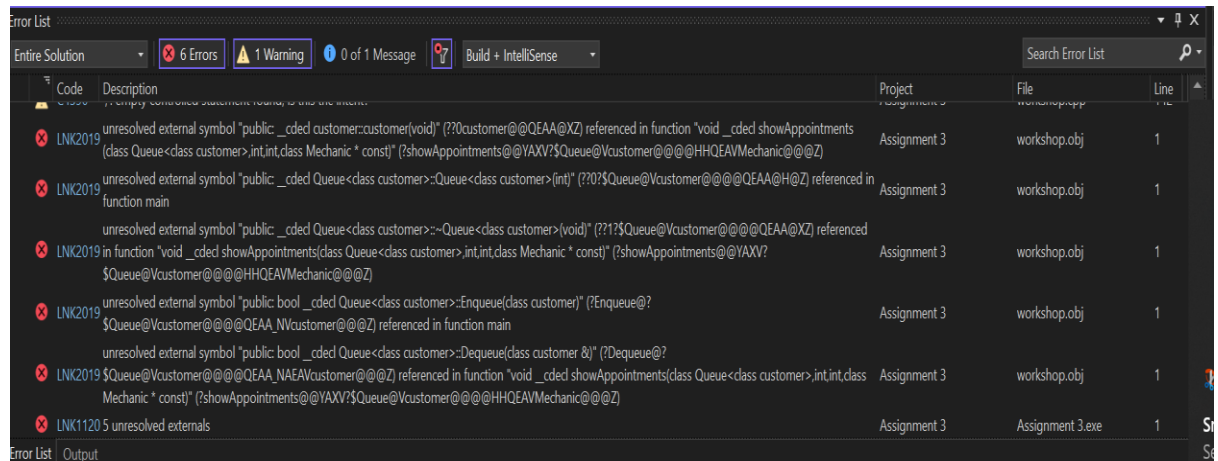
size.txt

Mechanic.txt

customer.txt

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Errors came across in assignment:



This was the only error that really gave me trouble. I researched it and learned that it is due to the linker in the compiler trying to find the symbol, but somehow failing to find it. I tried countless times to fix it but it kept on occurring when I had two separate files for the queue class. The .h and .cpp files. However, when I only used a .h file which I did eventually in this assignment it finally worked.