## CIS-30A Python programming project

## Project summary:

## My program of choice for this project is business calendar that can help any customer book their computer services needed, appointment date and time with a computer services business in the Inland Empire area. The program will not only prompt the user to input their availability time (throughout a 12 months period), but also be able to choose the type of services they need, as well as their phone number and home address.

The program will start by asking the user for the type of computer repair or service they needed, and a good available date and time of their choice. The customer (user) will also need to provide contact information such as name, phone number and address for the technician. The python program is portable and can be run on any computer, as long as the Python development tools are installed. The input data will be saved to a text file to be printed out; the saved file will be saved in the same location with the project files.

The program will make use of variables and present the user with a list of choices. After the user input the home address and phone number, the program will display current date in order to help the customer decide when to book appointment. No ‘for’ or ‘while’ loops were necessary and Python (sub) classes didn’t appeal to the program. The program, although simple, it is sufficiently interactive with the customer and leads the customer seeking computer repair to setup an appointment with the computer shop. Given the time allowed for the course (6 weeks) I’d consider it a success and progress in learning some Python.

The program could be improved by asking the user to either continue booking another date and time and therefore creating a second text file on the local drive or not. A GUI could also be used to help the looks of the program.