**Summary**

2-3 page summary that outlines the lessons learned in this Basic Programming course.

I have learned Python and implemented the following things in this course

Lists and dictionary in Python

Classes

## About Names and Objects

## Python Scopes and Namespaces[¶](https://docs.python.org/3/tutorial/classes.html#python-scopes-and-namespaces)

### Scopes and Namespaces Examples

### Class Definition Syntax

### Class Objects

### Instance Objects

### Methods

### Class and Instance Variables

Basic data types in Python

In Python, Class Definition Syntax

The simplest form of class definition looks like this:

class ClassName:

<statement-1>

.

.

.

<statement-N>

Class definitions, like function definitions (def statements) must be executed before they have any effect. (You could conceivably place a class definition in a branch of an if statement, or inside a function.)

Final program:

Create a final program that meets the requirements outlined below.

• Create an automobile class that will be used by a dealership as a vehicle

inventory program. The following attributes should be present in your

automobile class:

• private string make

• private string model

• private string color

• private int year

• private int mileage

Your program should have appropriate methods such as:

• constructor

• add a new vehicle

• remove a vehicle

• update vehicle attributes

At the end of your program, it should allow the user to output all vehicle

inventory to a text file.

• Your final program submission materials must include your source code

and screenshots of the application executing the application and the

results