**Unit 1 Assignment**

**Specification**

A program to create modify and store data on differing vehicles. This includes different vehicle types and their specific

**Algorithm**

1. Create and initialize all of the necessary variables
2. Prompt user for an action
3. Perform selected action
4. Repeat 2 and 3 until user quits

**Flowchart**

**Code Design**

Class - used to create a custom data type

Abstract – used for classes to be used as frameworks

Inheritance – used to extend the functions of classes to other classes

ArrayList – used to store the data on the vehicles in an editable array

Scanner – used to accept input from the user

Continue – used to skip code

While loop – used to repeat an operation

If-else – used to test a condition and decide to run the code or not

**Implementation**

See the java files

**Testing and Debugging**

No testing was needed or bugs encountered in the development of this program.