

**COP-1000: Programming Logic**

Project 0-1

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Created By: Jose-Abner Gonzalez

# Document Version Control

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| Version | Date | Author | Rationale |
| 0.1 | 11/10/2024 | Jose-Abner Gonzalez | First Draft |

# Technical Specifications

## Link to Code Files

## <https://github.com/magna7036/AutoCountry-Use-Case-0-1.git>

## Psuedocode

class CarFinder:

def \_\_init\_\_(self):

self.allowed\_vehicles = ['Ford F-150', 'Chevrolet Silverado', 'Tesla CyberTruck', 'Toyota Tundra', 'Nissan Titan']

def print\_allowed\_vehicles(self):

print("The AutoCountry sales manager has authorized the purchase and selling of the following vehicles:")

for vehicle in self.allowed\_vehicles:

print(vehicle)

def display\_menu(self):

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("AutoCountry Vehicle Finder v0.1")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("1. Print all Allowed Vehicles")

print("2. Exit")

def run(self):

while True:

self.display\_menu()

choice = input("Enter your choice: ")

if choice == '1':

self.print\_allowed\_vehicles()

elif choice == '2':

print("Thank you for using the AutoCountry Vehicle Finder, good-bye!")

break

else:

print("Invalid choice. Please choose again.")

if \_\_name\_\_ == "\_\_main\_\_":

car\_finder = CarFinder()

car\_finder.run()

## Screenshot of Unit Test #1 –

A screenshot of a computer program

Description automatically generated

## Screenshot of Unit Test #2 –

A screenshot of a computer program

Description automatically generated

## Screenshot of Unit Test #3 –

A screenshot of a computer program

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