

OOP Exercise 1: Create a Class with instance attributes
OOP Exercise 2: Create a Vehicle class without any variables and methods
OOP Exercise 3: Create a child class Bus that will inherit all of the variables and methods of the Vehicle class
OOP Exercise 4: Class Inheritance
OOP Exercise 5: Define a property that must have the same value for every class instance (object)
OOP Exercise 6: Class Inheritance
OOP Exercise 7: Check type of an object
OOP Exercise 8: Determine if School_bus is also an instance of the Vehicle class

Numpy Exercise:

Write a NumPy program to test whether any of the elements of a given array is non-zero.

Write a NumPy program to create a 3x3 identity matrix.

Write a NumPy program to find the missing data in a given array.

Write a NumPy program to replace all numbers in a given array which is equal, less and greater to a given number.

Write a NumPy program to swap rows and columns of a given array in reverse order.

Write a NumPy program to multiply two given arrays of same size element by element.

Write a NumPy program to search the maximum and minimum element in the given array using NumPy.

Write a NumPy program to sort the elements in the given array using Numpy.

Write a NumPy program to find the mean of every NumPy array in a list.