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#!/usr/bin/env python3
# -*- coding: utf-8 -*-
"""
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"""
import os
os.chdir(os.path.dirname(os.path.realpath(__file__)))
#load in file
filepath = "input.txt"
#open and read file, do in lines so it's not hardcoded
file = open(filepath)
#define vehicle class
class Vehicle:
    #initiate constructor
    def __init__(self, vehicles_list):
        #define attributes of the class
        self.make = vehicles_list[0]
        self.model = vehicles_list[1]
        self.type = vehicles_list[2]
        self.color = vehicles_list[3]
        self.plate = vehicles_list[4]
        self.year = vehicles_list[5]
        self.id = vehicles_list[6]

#define external functions

#create function that reads data from file and returns objects
def read_vehicle_data(file):
    vehicles_list = []
    for i in file:
        split_vehicles = i.split()
        vehicle = Vehicle(split_vehicles)
        vehicles_list.append(vehicle)
    return vehicles_list

def display_vehicles(vehicles_list):
    line1 = "*" * 75
    # create a centered title with stars on both sides (26 stars, 25-char title, 26
stars = 77)
    line2 = f'{"*" * 26}{ " " * 25}{ "Vehicle Inventory":^25}{ " " * 26}{ "*" * 26}'
    line3 = "*" * 75
    line4 = f'{"make":18}{ "model":18}{ "type":18}{ "color":19}{ "plate":20}{ "year":20}
{"id":18}'
    line5 = ("=" * 9 + " ") * 7
    vehicle_lines = []
    for vehicleobject in vehicles_list:
        line = (f"{vehicleobject.make:<18}{vehicleobject.model:<18}
{vehicleobject.type:<18}{vehicleobject.color:18}{vehicleobject.plate:18}
{vehicleobject.year:18}{vehicleobject.id:18}")
        vehicle_lines.append(line)

    return [line1, line2, line3, line4, line5] + vehicle_lines

```