#include <iomanip> //for floats

#include <iostream>

#include <string>

using namespace std;

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// Demo time: 5:20 PM

// Date: March 3, 2022

//

struct Car {

string make;

string model;

int manufacture\_year;

string color;

int curr\_mileage;

float mpg;

int sale\_price;

// default constructor, gave values because if not the compiler would try to

// give it values

Car() {

make = "Bogus";

model = "REEEEEE";

manufacture\_year = 2022;

color = "Invisible";

curr\_mileage = 0;

mpg = 0;

sale\_price = 0;

}

// Overload contructor, assign parameter to each member

Car(string ma, string mo, int year, string co, int mile, float \_mpg,

int price) {

make = ma;

model = mo;

manufacture\_year = year;

color = co;

curr\_mileage = mile;

mpg = \_mpg;

sale\_price = price;

}

// display fucntion that display all the information

void display() {

cout << make << " " << model << "\nColor: " << color

<< "\nManufacture year: " << manufacture\_year

<< "\nCurrent mileage: " << curr\_mileage

<< "\nMile per gallon: " << fixed << setprecision(1) << mpg

<< "\nSale price: $" << sale\_price << endl;

}

};

Car carLot[5] = {{"Honda", "Accord", 2021, "White", 20349, 30, 20300},

{"Mercedies", "AMG", 2022, "Navy", 9432, 20, 60000},

{"Toyota", "Camery", 2018, "Black", 45678, 28, 18500},

{"Dodge", "Challenge", 2016, "Green", 40309, 18, 16000},

{"Jeep", "Cheeroke", 2022, "Red", 4, 19, 40720}};

void displayCars(Car carLot[5]) {

for (int i = 0; i < 5; i++) {

carLot[i].display();

cout << endl;

}

}

int main() {

displayCars(carLot);

return 0;

}Graphical user interface, text, application, chat or text message

Description automatically generated