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// Included: Lab 3

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// Lab 3

// =======================

// Christian Falucho

// CMPR 121

// =======================

#include <iostream>

using namespace std;

struct Vehicle

{

int id;

int year;

string model;

};

/\*================ FUNCTION PROTOTYPES ==================\*/

void displayCar(Vehicle&);

/\*================ FUNCTION PROTOTYPES ==================\*/

===========================================================

=== MAIN FUNCTION BEGINS ===

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int main(){

double values\_double[5];

int values[5] = {1, 2, 3, 4, 5};

int number = 5;

double\* doublePtr = NULL;

int\* ptr = &number;

Vehicle myCar;

myCar.id = 12345;

myCar.year = 2005;

myCar.model = "Ford";

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

{

values\_double[i] = values[i];

doublePtr = &values\_double[i];

}

number = 44;

cout << \*ptr << endl;

displayCar(myCar);

return 0;

}

/\*

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=== MAIN FUNCTION ENDS ===

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/\*

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=== HELPER FUNCTION BEGINS ===

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\*/

void displayCar(Vehicle& car){

cout << car.id << endl;

cout << car.year << endl;

cout << car.model << endl;

}

/\*

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=== HELPER FUNCTION ENDS ===

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