OOP in PHP
Car Records App

<html>

<!--

car hire.html

-->

<head>

<title>Car hire</title>

<link rel="stylesheet" type="text/css" href = "car.css" />

</head>

<body>

<form action="car-records.php" method=post>

<fieldset>

<legend>Drive </legend>

<p ><label >Car Make</label>

 <input type="text" name="make" /></p>

<p ><label >Car Color</label>

 <input type="text" name="color" /></p>

<p ><label >Petrol Gauge</label>

<select name="gauge">

 <option value ="1.0">full </option>

 <option value ="0.75">three-quarters </option>

 <option value ="0.5">half </option>

 <option value ="0.25">full </option></p>

</select>

<p class ="submit" > <input type = "submit" value = "Add to database" /> </p>

</fieldset>

</form>

</body>

</html>

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

file: car.css

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html

 {

 margin:0;

 padding:0;

 }

body{

 font-size: 20px;

 margin:2em 0 0 5em;

 padding:0;

 font-family: 'Palatino Linotype', Garamond, serif;

 background: #003333;/\* heavy green \*/

 color: #CCFFFF;

}

h4

{

 width: 100%;

}

p

{

 padding-left: 50px;

 color: #E69980;

}

label {

 display: block;

 width: 150px;

 float: left;

 margin-bottom: 10px;

 text-align: right;

 width: 250px;

 margin-bottom: 10px;

 padding-right: 10px;

 font-weight: bold;

}

input {

 float: clear;

 display: block;

 width: 80px;

 float: left;

 position: relative;

 margin-bottom: 15px;

 margin-right: 160px;

 color: #CC3300;

 background-color: #CCFFFF;

 border: thick #CCFFFF solid;

}

select

{

 width: 130px;

}

fieldset

{

border: 1px solid #CC3300;/\*brick\*/

width: 30em;

padding-bottom: 20px;

}

legend

{

color: #cecece;

background: #000; /\*light \*/

border: 1px solid #CC3300; /\*brick\*/

padding: 2px 6px;

}

.submit input

{

color: #000;

background: #CC3300;/\*brick \*/

border: 2px outset #FFFF66; /\*outset so it looks like a button \*/

margin-left: 4em;

margin-top: 2em;

font-weight: bold;

width: 120px;

padding-bottom: 5px;

}

table {

 padding:3px;

}

td, th {

 background-color:#FFFFFF;

 padding:7px 20px 7px 20px;

}

th {background-color:#CCCC99; color:#000;}

a{

 text-decoration: none;

}

a:link{

 color:#999933; /\* brick \*/

}

a:visited{

 color: #999933; /\* brick \*/

}

a:hover {

 color: #cecece; /\*grey \*/

}

**Full code for car.inc**

<?php

 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 file: car.inc

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

 class car

 {

 var $make;

 var $color;

 var $gauge;

 function setMake($makeofcar)

 {

 $this -> make = $makeofcar;

 }

 function getMake()

 {

 return $this -> make;

 }

 function showMake()

 {

 echo "The customer returned the ". $this -> make." . ";

 }

 function setColor($colorofcar)

 {

 $this -> color = $colorofcar;

 }

 function getColor()

 {

 return $this -> color;

 }

 function showColor()

 {

 echo "The customer drove a ".$this -> color. " car.";

 }

 function setGauge($tanklevel)

 {

 $this -> gauge = $tanklevel;

 }

 function getGauge()

 {

 return $this -> gauge;

 }

 function showGaugeInLitres()

 {

 $tank = 60;

 echo " The driven car shows a tank level of ".$this -> gauge \* $tank ." litres.";

 }

 }

?>

**Full code for car-records.php**

<?php

 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 file: car-records.php

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

 include('car.inc');

 $make = $\_POST['make'];

 $color= $\_POST['color'];

 $gauge = $\_POST['gauge'];

 $DrivenCar = new car();

 $DrivenCar -> setMake($make);

 $DrivenCar -> getMake();

 $DrivenCar -> showMake();

 $DrivenCar -> setColor($color);

 $DrivenCar -> getColor();

 $DrivenCar -> showColor();

 $DrivenCar -> setGauge($gauge);

 $DrivenCar -> getGauge();

 $DrivenCar -> showGaugeInLitres();

?>