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

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

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();

?>