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<?php
/* 10
Develop a PHP program that illustrates the concept of classes
and objects by reading and printing employee data, including
Emp_Name, Emp_ID, Emp_Dept, Emp_Salary, and Emp DOJ.
*/

class Employee // Employee class
{
    public $name; // data members, properties
    public $id; // here member names begin with $
    public $dept;
    public $salary;
    public $doj; // Date of joining
    // __ , dunder, double underscore
    public function __construct($name, $id, $dept, $salary, $doj)
    { // constructor
        $this->name = $name; // initialize data members
        $this->id = $id; // when an object is created
        $this->dept = $dept; // use of this pointer, and
        $this->salary = $salary; // member access through ->
        $this->doj = $doj; // $ , preceeds this pointer
    } // constructor ends // not data members

    public function print_emp_details() // member methods (function)
    { // $ , preceeds this pointer, and not data members
        echo "<br /> Employee Details:";
        echo "<br /> Name = " . $this->name; // . to concat
        echo "<br /> ID = " . $this->id;
        echo "<br /> Department = " . $this->dept;
        echo "<br /> Salary = ₹ " . $this->salary;
        echo "<br /> Date of joining = " . $this->doj;
    } // print_emp_details ends
} // Employee class ends

// create object(instance) of Employee class using new
$employee1 = new Employee("Ashok Kumar", 123, "IT", 216000,
    "2024-05-21");

// $object -> method();
$employee1->print_emp_details(); // method call to print details
//careful, -> used to invoke method, not .

?>
<!--
More on PHP Classes and Objects, PHP Manual
https://www.php.net/manual/en/oop5.intro.php
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