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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)
    {
        $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)
    {
        echo "<br /> Employee Details:"; // $ , preceeds this pointer, and not data members
        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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