**Assignment2**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

public class Employee

{

int EmpNo;

string EmpName;

double Salary;

double HRA;

double TA;

double DA;

double PF;

double TDS;

double NetSalary;

double GrossSalary;

//This is a method for taking employee details

public void set\_EmpNo\_Name\_Salary()

{

//Here WE are taking input of emp no,emp name and for salary

Console.WriteLine("Enter Emp No, Emp Name,Salary of an an employee");

EmpNo = Convert.ToInt32(Console.ReadLine());

EmpName = Console.ReadLine();

Salary = Convert.ToDouble(Console.ReadLine());

Console.WriteLine("Emp No = {0}\nEmpName = {1}\nSalary = {2} ", EmpNo, EmpName, Salary);

}

public double GroSal()

{

GrossSalary = 0;

if (Salary < 5000)

{

HRA = 10 \* Salary / 100;

TA = 5 \* Salary / 100;

DA = 15 \* Salary / 100;

GrossSalary = Salary + HRA + TA + DA;

}

else if (Salary < 10000)

{

HRA = 15 \* Salary / 100;

TA = 10 \* Salary / 100;

DA = 20 \* Salary / 100;

GrossSalary = Salary + HRA + TA + DA;

}

else if (Salary < 150000)

{

HRA = 20 \* Salary / 100;

TA = 15 \* Salary / 100;

DA = 25 \* Salary / 100;

GrossSalary = Salary + HRA + TA + DA;

}

else if (Salary < 200000)

{

HRA = 25 \* Salary / 100;

TA = 20 \* Salary / 100;

DA = 30 \* Salary / 100;

GrossSalary = Salary + HRA + TA + DA;

}

else if (Salary >= 20000)

{

HRA = 10 \* Salary / 100;

TA = 5 \* Salary / 100;

DA = 15 \* Salary / 100;

GrossSalary = Salary + HRA + TA + DA;

}

return GrossSalary;

}

public void CalCulateSalary()

{

Console.WriteLine("HERE PF , TDS AND NET SALARY OF AN EMPLOYEE");

Double GrosSal = GroSal();

PF = 10 \* GrosSal / 100;

TDS = 18 \* GrosSal / 100;

NetSalary = GrosSal - (PF + TDS);

Console.WriteLine(" PF = {0} \nTDS = {1}\nNetSalary = {2}", PF, TDS, NetSalary);

}

static void Main()

{

Employee emp = new Employee();

emp.set\_EmpNo\_Name\_Salary();

Double Gs = emp.GroSal();

Console.WriteLine(" Gross SALARY {0} ", Gs);

emp.CalCulateSalary();

Console.ReadLine();

}

}