**Text

Description automatically generatedHomework 8 – Classes Intro**

Main Program (Initial class)

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace HW\_Classes

{

internal class Program

{

static void Main(string[] args)

{

// Instantiating 2 employee objects

EmployClass Employee1 = new EmployClass("Daniele", "Ricciardelli", "1998", 10000);

EmployClass Employee2 = new EmployClass("Dr Mei", "Klein", "0001", 100000);

// Display of the objects

Console.WriteLine("Test employee 1:");

Employee1.Display\_Info\_Employee();

Console.WriteLine("");

Console.WriteLine("Test employee 2:");

Employee2.Display\_Info\_Employee();

Console.WriteLine("");

}

}

}

**Class File**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace HW\_Classes

{

class EmployClass

{

// Data Members

private string first\_name;

private string last\_name;

private string employee\_number;

private double monthly\_salary;

// Default Constructor

public EmployClass()

{

first\_name = "";

last\_name = "";

employee\_number = "non-existent";

monthly\_salary = 0.00;

}

// Overloading Constructors

public EmployClass(string fn, string ls, string en, double ms)

{

first\_name = fn;

last\_name = ls;

employee\_number = en;

monthly\_salary = ms;

}

public double Annual\_Pay()

{

return monthly\_salary \* 12;

}

public void Display\_Info\_Employee()

{

Console.WriteLine("Employee first name: {0}", first\_name);

Console.WriteLine("Employee last name: {0}", last\_name);

Console.WriteLine("Employee #: {0}", employee\_number);

Console.WriteLine("Monthly salary: {0}", monthly\_salary);

Console.WriteLine("Annual pay: {0}", Annual\_Pay());

}

}

}