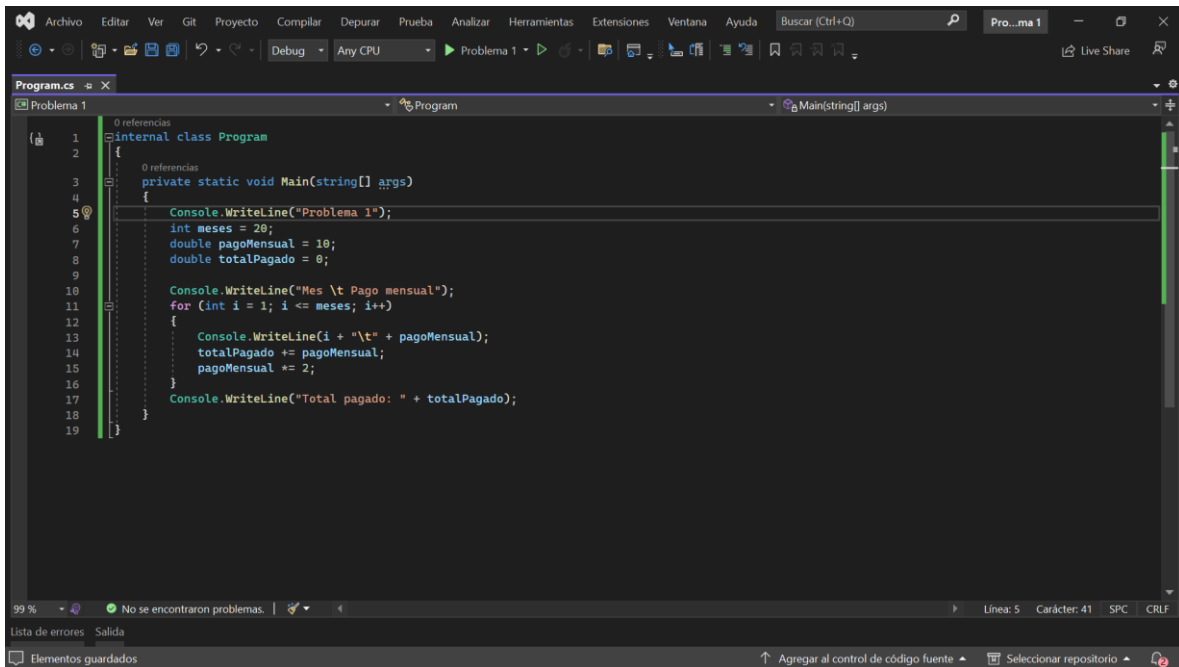
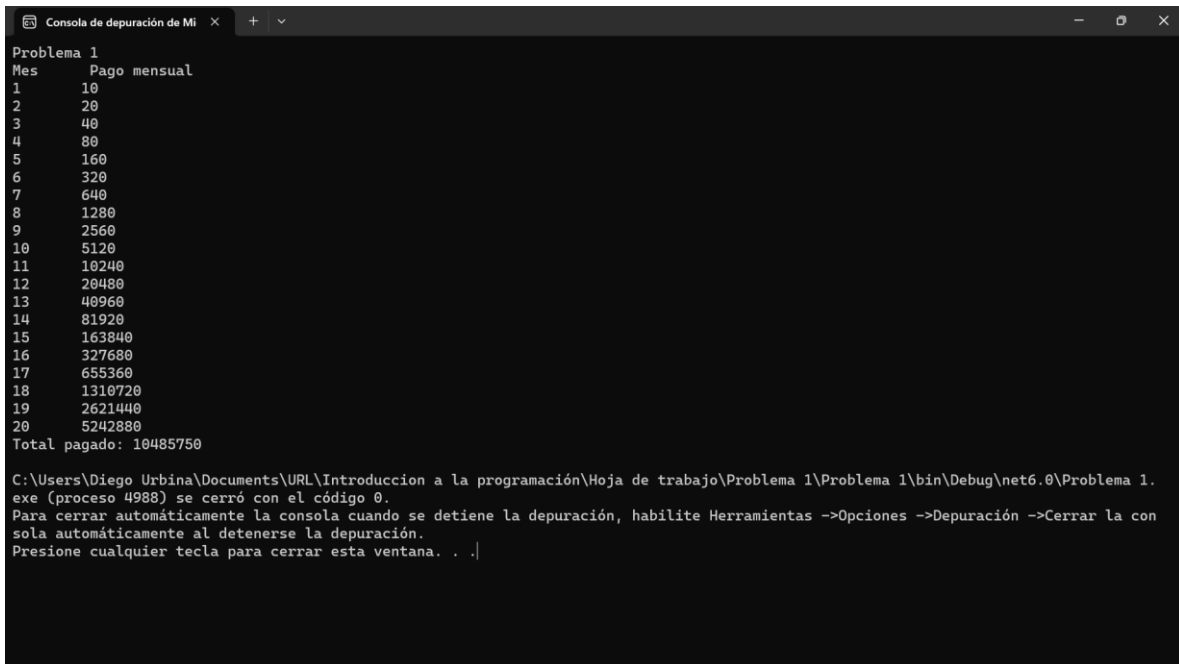


Problema 1



The screenshot shows the Visual Studio IDE with the file 'Program.cs' open. The code is for a C# program named 'Problema 1'. It includes a class 'Program' with a static method 'Main'. The 'Main' method prints the title, initializes variables for months (20), monthly payment (10), and total paid (0), and then enters a loop to calculate the total payment over 20 months, doubling the monthly payment each time.

```
1 internal class Program
2 {
3     private static void Main(string[] args)
4     {
5         Console.WriteLine("Problema 1");
6         int meses = 20;
7         double pagoMensual = 10;
8         double totalPagado = 0;
9
10        Console.WriteLine("Mes \t Pago mensual");
11        for (int i = 1; i <= meses; i++)
12        {
13            Console.WriteLine(i + "\t" + pagoMensual);
14            totalPagado += pagoMensual;
15            pagoMensual *= 2;
16        }
17        Console.WriteLine("Total pagado: " + totalPagado);
18    }
19 }
```



The screenshot shows the 'Consola de depuración de Mi' window in Visual Studio. It displays the output of the program, which is a table of monthly payments and a total sum. The output is as follows:

```
Problema 1
Mes      Pago mensual
1         10
2         20
3         40
4         80
5        160
6        320
7        640
8       1280
9       2560
10      5120
11     10240
12     20480
13     40960
14     81920
15    163840
16    327680
17    655360
18   1310720
19   2621440
20   5242880
Total pagado: 10485750
```

Below the output, the console shows the following messages:

```
C:\Users\Diego Urbina\Documents\URL\Introduccion a la programación\Hoja de trabajo\Problema 1\Problema 1\bin\Debug\net6.0\Problema 1.exe (proceso 4988) se cerró con el código 0.
Para cerrar automáticamente la consola cuando se detiene la depuración, habilite Herramientas ->Opciones ->Depuración ->Cerrar la consola automáticamente al detenerse la depuración.
Presione cualquier tecla para cerrar esta ventana. . .|
```