C# tarea inicial

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Matricula: 2024-2552

Sección: Lunes

1. **Declarar variable de los diferentes tipos, asignarles valor e imprimir el valor.**

```csharp
using System;

//José Anthony Rincón, Matricula: 2024-2552, Sección de los Lunes
0 references
class Program
{
    0 references
    static void Main(string[] args)
    {
        string myName = "José Anthony Rincón";
        string myID = "2024-2552";
        string classDay = "Monday";
        int age = 20;
        double average = 3.3;

        Console.WriteLine("Name: " + myName);
        Console.WriteLine("ID: " + myID);
        Console.WriteLine("Class day: " + classDay);
        Console.WriteLine("Age: " + age);
        Console.WriteLine("Average: " + average);

        Console.WriteLine();
    }
}
```
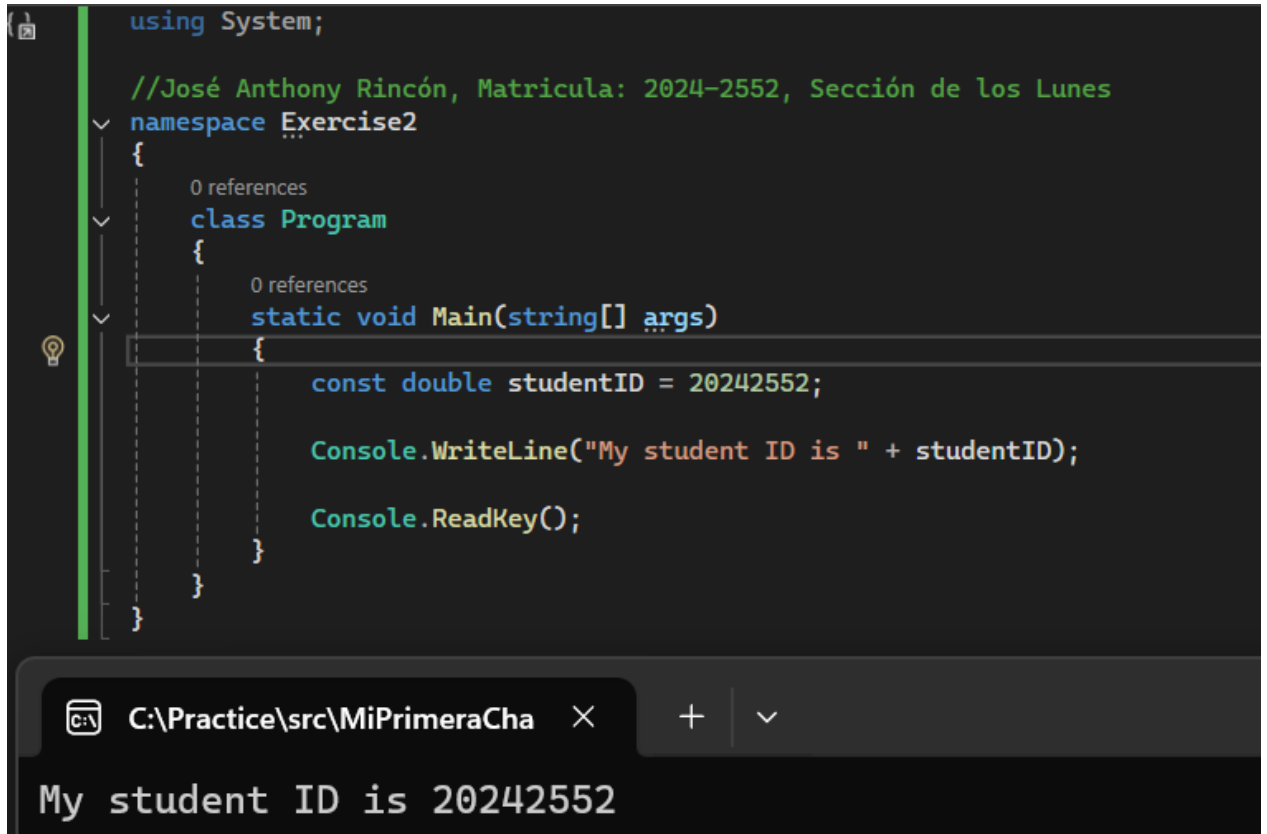
```
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Name: José Anthony Rincón
ID: 2024-2552
Class day: Monday
Age: 20
Average: 3.3


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```

2.Buscar cómo se declara una constante en C#
e imprimir el valor. Probar de cambiar su valor luego y ver que es lo que
pasa.

```csharp
using System;

//José Anthony Rincón, Matricula: 2024-2552, Sección de los Lunes
namespace Exercise2
{
    0 references
    class Program
    {
        0 references
        static void Main(string[] args)
        {
            const double studentID = 20242552;

            Console.WriteLine("My student ID is " + studentID);

            Console.ReadKey();
        }
    }
}
```

```
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My student ID is 20242552
```

3.Declara un entero, incrementarlo, decrementarlo, hacer operaciones con el.

```csharp
using System;

//José Anthony Rincón, Matricula: 2024-2552, Sección de los Lunes
namespace Exercise2
{
    0 references
    class Program
    {
        0 references
        static void Main(string[] args)
        {
            int number = 10;

            Console.WriteLine("Number: " + number);

            number++;
            Console.WriteLine("Number after increment: " + number);

            number--;
            Console.WriteLine("Number after decrement: " + number);

            number = number * 2 + 20242552;
            Console.WriteLine("Result of operation: " + number);

            Console.WriteLine();
        }
    }
}
```

```
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Number: 10
Number after increment: 11
Number after decrement: 10
Result of operation: 20242572


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```

4.Declarar un float con valor=10152466.25. Declara un byte que es igual a 5 + el float.

```csharp
using System;

//José Anthony Rincón, Matricula: 2024-2552, Sección de los Lunes
namespace Exercise4
{
    0 references
    class Program
    {
        0 references
        static void Main(string[] args)
        {
            float myFloat = 10152466.25f;

            byte myByte = (byte)(5 + myFloat);

            Console.WriteLine("The float value is: " + myFloat);

            Console.WriteLine("The byte value is: " + myByte);

            Console.WriteLine();
        }
    }
}
```
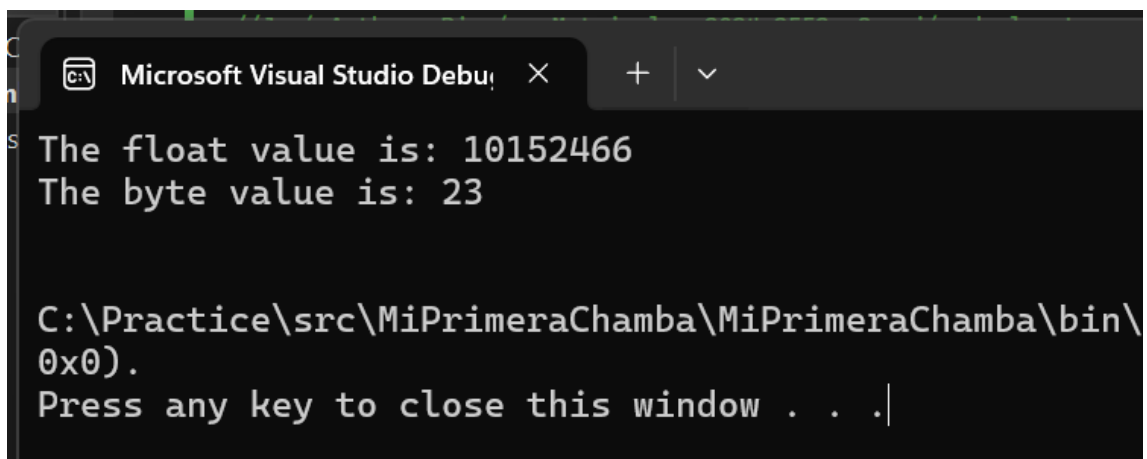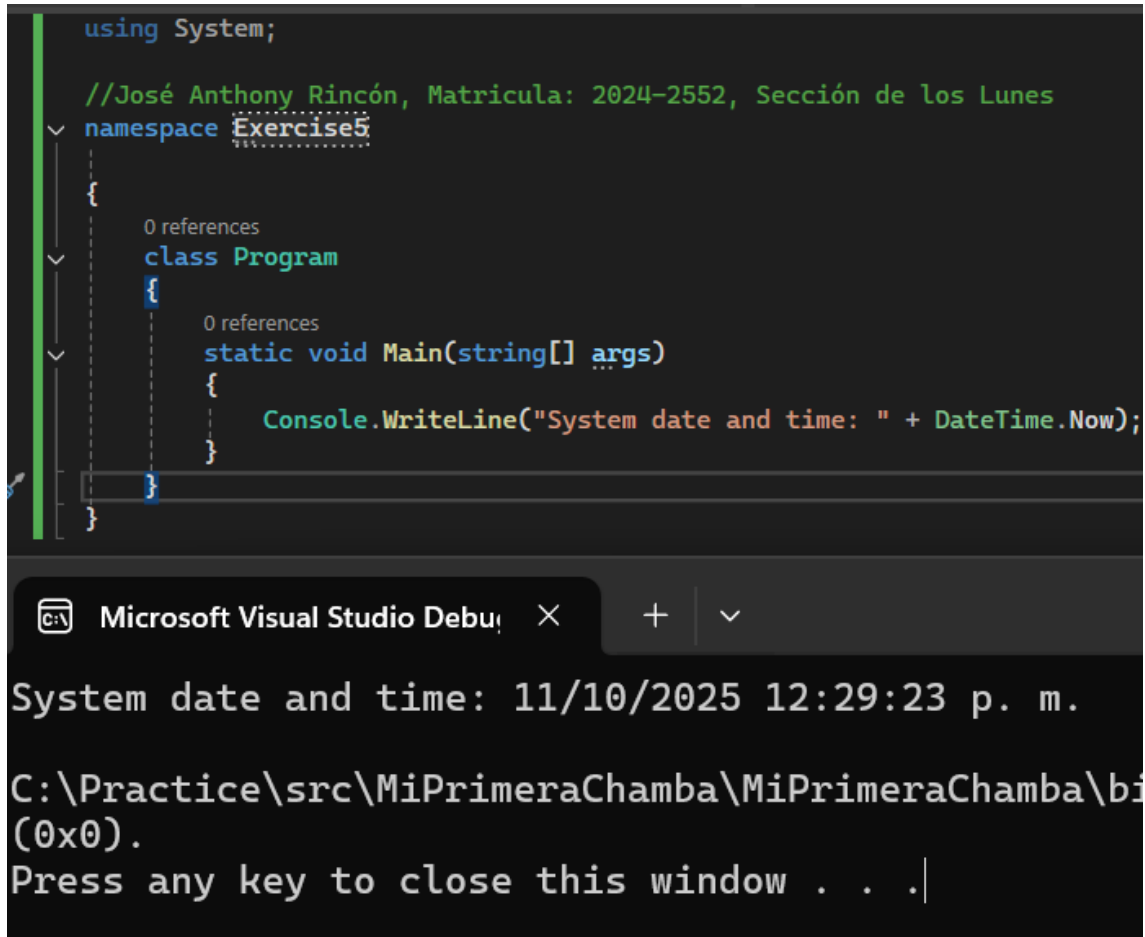
```
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The float value is: 10152466
The byte value is: 23


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```

5.Adjuntar comentario de una y de varias líneas un su código. Imprimir l a fecha y hora del sistema.

```csharp
using System;

//José Anthony Rincón, Matricula: 2024-2552, Sección de los Lunes
namespace Exercise5
{
    0 references
    class Program
    {
        0 references
        static void Main(string[] args)
        {
            Console.WriteLine("System date and time: " + DateTime.Now);
        }
    }
}
```

```
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System date and time: 11/10/2025 12:29:23 p. m.

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```