

```
using System;

namespace Lab_11
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.Write("Ingrese el radio del círculo: ");
            double radio = Convert.ToDouble(Console.ReadLine());

            Circulo _objCirculo = new Circulo(radio);

            double perimetro = 0;
            double area = 0;
            double volumen = 0;

            _objCirculo.CalcularGeometria(ref perimetro, ref area, ref
volumen);

            Console.WriteLine($"Perímetro: {perimetro}");
            Console.WriteLine($"Área: {area}");
            Console.WriteLine($"Volumen: {volumen}");
        }
    }
}
namespace Lab_11;

public class Circulo
{
    private double radio;

    public Circulo(double radio)
    {
        this.radio = radio;
    }

    private double ObtenerPerimetro()
    {
        return 2 * Math.PI * radio;
    }
}
```

```

    }

    private double ObtenerArea()
    {
        return Math.PI * Math.Pow(radio, 2);
    }

    private double ObtenerVolumen()
    {
        return (4 / 3) * Math.PI * Math.Pow(radio, 3);
    }

    public void CalcularGeometria(ref double unPerimetro, ref double
unArea, ref double unVolumen)
    {
        unPerimetro = ObtenerPerimetro();
        unArea = ObtenerArea();
        unVolumen = ObtenerVolumen();
    }
}

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Compilación correcta.

0 Advertencia(s)

0 Errores

Tiempo transcurrido 00:00:00.87

PS C:\Users\Pc\Desktop\Lab 11> dotnet run

Ingrese el radio del círculo: 4

Perímetro: 25.132741228718345

Área: 50.26548245743669

Volumen: 201.06192982974676

PS C:\Users\Pc\Desktop\Lab 11> █