

Class Circulo

```
namespace L12_Josué_Reyes_1029024;

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

    private double ObtenerPerimetro(){
        double P = (2*r)*Math.PI;
        return P;
    }

    private double ObtenerArea(){
        double A = (r*r)*Math.PI;
        return A;
    }

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

    public void CalcularGeometria(ref double P, ref double A, ref double
V){
        P = ObtenerPerimetro();
        A = ObtenerArea();
        V = ObtenerVolumen();
    }
}
```

Class Program

```
using L12_Josué_Reyes_1029024;

class Program{
    public static void Main(string[] args){

        Console.WriteLine("Ingrese el radio del circulo");
```

Josué David Reyes Muñoz
1029024

```
double rad = double.Parse(Console.ReadLine());

Circulo objCirculo = new Circulo(rad);

double p1=0;
double A1=0;
double V1=0;

objCirculo.CalcularGeometria(ref p1, ref A1, ref V1);

Console.WriteLine("Perimetro: "+p1);
Console.WriteLine("Area: "+A1);
Console.WriteLine("Volumen: "+V1);

    }
}
```