

Program.cs 1 X Circulo.cs

Program.cs > Program > Main

```
1 using System.Formats.Asn1;
2 using System.Security.Cryptography;
3 using L12_Manuel_Arita__1142824;
  0 references
4 class Program{
  0 references
5 static void Main(string[] args){
6
7 int n=0;
8 Console.WriteLine("Ingrese su radio");
9 n=int.Parse(Console.ReadLine());
10
11 double p1=0;
12 double a1=0;
13 double v1=0;
14
15 Circulo _objCirculo=new Circulo(n);
16 _objCirculo.calculargeometria(ref p1, ref a1, ref v1);
17 Console.WriteLine("El area, perimeto y volumen del circulo es de: ");
18 Console.WriteLine(p1);
19 Console.WriteLine(a1);
20 Console.WriteLine(v1);
21
22 }
23
24 }
25
```

Program.cs 1 Circulo.cs X

Circulo.cs > Circulo > calculargeometria

```
1 namespace L12_Manuel_Arita__1142824;
2
  3 references
3 public class Circulo
4 {
  7 references
5 double radio;
  1 reference
6 public Circulo(double r){
7 radio=r;
8 }
9
  1 reference
10 private double obtenerperimetro(double peri){
11     peri=2*radio*Math.PI;
12     return peri;
13 }
  1 reference
14 private double obtenerarea(double ari){
15     ari=Math.PI*Math.Pow(radio,2);
16     return ari;
17 }
  1 reference
18 private double obtenervolumen(double volu){
19     volu=(4*Math.PI*Math.Pow(radio, 3))/3;
20     return volu;
21 }
22
  1 reference
23 public void calculargeometria(ref double p1, ref double a1, ref double v1){
24 p1=obtenerperimetro(radio);
25 a1=obtenerarea(radio);
26 v1=obtenervolumen(radio);
27 }
28
29 }
30
```