

Practical 4

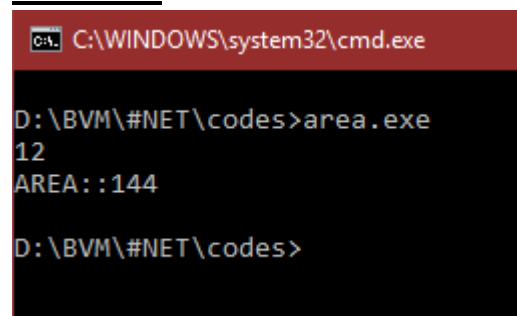
Aim: Demonstrate class and constructor in C#. (java file conversion)

#PROGRAM

```
using System;
public class Shape
{
    int r;
    double d;
    public Shape(int x)
    {
        r=x;
    }
    public void CalcArea()
    {
        d=r*r;
    }
    public void Display()
    {
        Console.WriteLine("AREA::"+d);
    }
}

public class area
{
    public static void Main()
    {
        String str=Console.ReadLine();
        Shape s=new Shape(Convert.ToInt32(str));
        s.CalcArea();
        s.Display();
    }
}
```

#OUTPUT



The screenshot shows a Windows command prompt window with a red title bar that reads "C:\WINDOWS\system32\cmd.exe". The command prompt is open at the directory "D:\BVM\#NET\codes". The user has entered the command "area.exe", which has been executed. The output of the program is displayed on two lines: "12" and "AREA : : 144". The prompt is now waiting for the next command.

```
C:\WINDOWS\system32\cmd.exe
D:\BVM\#NET\codes>area.exe
12
AREA : : 144
D:\BVM\#NET\codes>
```