..C# Labs:

TRY ALL WHAT YOU HAVE TAKEN IN THE LECTURES

Sort Array Desc

Search about Recursive

Different between Convert & Parse

1. Design 3D Point Class and Include the basic Constructor(s) [use chaining in constructors]

2. Override the ToString Function to produce this output

Point3D P = new Point3D(10,10,10);

Console.WriteLine(Point3D.ToString());

** Point Coordinates: (10, 10, 10)**

**Try to Cast Point3D to string type**

**Define Class Duration**

To include Three Attributes (**Hours**, **Minutes**, **Seconds**)

Output from **ToString** Should follow this pattern

Hours: 1, Minutes :30, Seconds :20

Support All Required Constructors to Produce this output

Duration D1 =new Duration (3600);

D.ToString();

Output: Hours: 1, Minutes :0 , Seconds :0

Duration D2 =new Duration (7800);

D.ToString();

Output: Hours: 2, Minutes :10 , Seconds :0

Duration D3 =new Duration (666);

D.ToString();

Output: Minutes :11 , Seconds :6

**Implement All required Operators overloading’s to enable this Code**

D3=D1+D2

D3=D1 + 7800

D3=666+D3

D3=D1++ (Increase One Minute)

D3 =--D2; (Decrease One Minute)

If ( D1>D2);

If ( D1<=D2);

DateTime Obj = (DateTime) D1