

### **Q1.Difference between Namespace and assemblies ?**

Ans. **Assemblies**: It is the form of .dll and .exe file and it is the logical unit of block.

It is of three types:

i-Private:It is used only in one project i.e.within itself only.It can be called only in that project in which it has been created.It is not for multiple project.We can call the assembly within the same solution.

ii-Shared:It is also called "Public assembly".For multiple projects it stores in Global Assembly Cache.When we have to call the assembly in multiple projects the .Net provides a location in which the assembly is called.

iii-Satellite:It provides resources in which in any location it will give the code in the same language.

**Namespace**:It is the collection of class , interface, structure,etc.

### **Q2..What is the value data type and reference data type in c# ?**

Ans. Value data type is the data type which holds data value within its memory space.

Reference data type is the data type that holds the reference data type.