**Ques 5: Difference between Namespace and assemblies ?**

**Answer:**

**Namespace:**Namespace is used to organize the classes. It helps to control the scope of variables and the classes.

**Assemblies:** Assembly is a pre-compiled chunk of code run by CLR. Assembly is used to organize the namespaces. Assembly is of two form .exe and .dll

Assembly is of three types.

1.Private- Private assembly means every time we have one, we exclusively copy into the bin folder for each application.

2.Shared- shared assembly is also known as public assembly. It is used when it is required for more than one project and application.

3.Satellite- Across the different geography we use the satellite assembly

**Ques 9: Write the difference between the value type and the reference type in c#?**

**Answer:**

**Value Type:**

1. Value type holds the data in the stack.

2.When passed as value type new copy is created and passed so changes to variable does not reflected back.

3.Value types consists of simple types,struct type,nullable types and enum types.

**Reference Type:**

1.Reference type holds the data in the heap.

2.When passed as reference type then reference of the variable is passed so changes to variable does reflected back.

3. Reference types consists of array,class,interface and delegates.