**Indexer In C# Programming**

Indexers allow our object to be used just like an array, or we can say we can index the object using [ ] brackets just like arrays.

We can say indexers are special type of properties which adds logic that how can array or list store the values.

Syntax of indexer resembles to properties.

We can use all access modifiers with indexers and also have return types.

Indexers are the regular members of a class.

Indexer is created with the help of **this** keyword.

In C# introduce new concept is Indexer. This is very useful for some situation. Let as discuss something about Indexer.

* Indexer Concept is object act as an array.
* Indexer an object to be indexed in the same way as an array.
* Indexer modifier can be private, public, protected or internal.
* The return type can be any valid C# types.
* Indexers in C# must have at least one parameter. Else the compiler will generate a compilation error.