Lamda Expression

1. Lamda expression is very essential feature in C#
2. Lamda expression is introduce in C# 3.0
3. Lamda expression is the method without declaration so it is called Anonymous function complier do all the processing and generate the name so signature is not required for writing the lamda expression, signature includes function name access specifier return type
4. It follow a syntax to create and invoke function
5. If we want to write the LINQ code in MVC generally we use Lamda Expression
6. Lamda expression is denoted by lamda operator [ **=> ]**

**Syantax**

InputParameter => Executable code

Num => Num%2!=0

Example of LINQ and LAMDA expression combined together

List<int> lst = new List<int>();

lst.Add(2);

lst.Add(3);

lst.Add(4);

lst.Add(5);

lst.Add(6);

List<int> listodd = lst.Where(num => num % 2 != 0).ToList();

foreach (int n in listodd)

{

Console.WriteLine("Value " + n);

}