Resp. Sir,

Good Evening..

As I have word About Singleton Pattern Explanation in Email.. I created single instance of ContryName class with simple thread-Safety . I have created 4 instances of ContryName class in main but Couter value is 1 because only once time constructor has initialized and Hashcode of every instance is same means Singleton Pattern is achieved please just copy and check it sir..

using System;

using System.Threading;

namespace Contry

{

class Program

{

static void Main(string[] args)

{

ContyName conryNm = ContyName.InstanceOfContryName();

conryNm.Get\_IndiaContry();

Console.WriteLine(conryNm.GetHashCode());

ContyName conryNm1 = ContyName.InstanceOfContryName();

conryNm1.Get\_IndiaContry();

Console.WriteLine(conryNm1.GetHashCode());

ContyName conryNm2 = ContyName.InstanceOfContryName();

conryNm2.Get\_IndiaContry();

Console.WriteLine(conryNm2.GetHashCode());

ContyName conryNm3 = ContyName.InstanceOfContryName();

conryNm3.Get\_JapanContry();

Console.WriteLine(conryNm3.GetHashCode());

Console.WriteLine();

Console.ReadLine();

}

}

public sealed class ContyName

{

private static int Counter = 0;

public ContyName()

{

Counter++;

Console.WriteLine("Accured Instance :" + Counter.ToString());

}

public static ContyName obj;

private static readonly object MylockObject = new object();

public static ContyName InstanceOfContryName()

{

lock(MylockObject)

if (obj == null)

{

obj = new ContyName();

}

return obj;

}

public void Get\_IndiaContry()

{

Console.WriteLine("My Contry Name Is India");

}

public void Get\_JapanContry()

{

Console.WriteLine("My Contry Name Is Japan");

}

}

}

To Implement Singleton Pattern Required:

1. A single Private and Parameter less Constructor to prevent other classes from instantiated it.
2. A static variable which hold a reference to the single created Instance. In above example that is is public static ContyName obj;
3. A public static class method to create single instance if static class variable is null else return existing instance. In above example that is public static ContyName InstanceOfContryName();
4. To achive simple thread-Safety I used

private static readonly object MylockObject = new object();

Thank you Sir..

Action result Types In Mvc are

1. ViewResult
2. EmptyResult
3. ContentResult
4. JsonResult
5. RedirectResult
6. RedirectToRouteResult
7. PartialViewResult