C# LAB – Advanced

1. Create a namespace/class/methods – retrieve data about methods, properties and invoke the constructor using reflection.
2. Get type info of a system/custom class you have created. Load the dll as assembly & use LINQ to to retrieve specific metadata about methods which return values.
3. Make a custom attribute for Movie class – properties , methods, interfaces
4. Create XML doc from the summary & comments of the reflection study for all the types & all the member info.
5. Create a MTA – start 3 functions activated by 3 threads and display the start time, total elapsed time for each thread and the total time taken for all threads. Vary the sleep lapsed for each thread.
6. Retrieve the process info of VS applications running, , process name – the total number of threads running for the process. For word application, check no of threads at the background, and the priority.