1. **Suppose one thread has odd numbers like 1, 3, 5 and other thread has even numbers 2, 4, 6. How can you synchronize between them and print the numbers in order?**

using  System;

using System.Threading.Tasks;

    namespace ConsoleApplication1

    {

        class Program

        {

            static void Main(string[] args)

            {

                var t1 = Task.Factory.StartNew(() => PrintOddNumbers());

                var t2 = Task.Factory.StartNew(() => PrintEvenNumbers());

                Task.WaitAny(t1, t2);

                Console.WriteLine("End");

                Console.ReadLine();

            }

            static void PrintOddNumbers()

            {

                int[] arr = new int[] { 1, 3, 5, 7, 9, 11, 13, 15 };

                foreach (var item in arr)

                {

                    Console.WriteLine(item);

                }

            }

            static void PrintEvenNumbers()

            {

                int[] arr = new int[] { 2, 4, 6, 8, 10, 12, 14 };

                foreach (var item in arr)

                {

                    Console.WriteLine(item);

                }

            }

        }

    }