**Exercise 1 :***Write an application to simulate the vehicles crossing a bridge and a toll plaza on a highway.*

*For the purpose of this exercise, simulate the environment for five vehicles that are*

*approaching the bridge and the toll booth. The vehicles are numbered from one to five. The*

*vehicles should approach the bridge and the toll booth in sequential order. The toll booth can*

*only deal with one vehicle at a time. This application should print a message every time when*

*a vehicle crosses the bridge and another message when a vehicle crosses the toll booth along*

*with the vehicle number.*

**Exercise 2 :***Write a class called Clock with three methods Tick ,Tack and Tock each displaying tick, tack and tock as*

*messages respectively.The outputshould be as follows:*

*Tick1 Tack 1Tock 1*

*Tick2 Tack2 Tock 2*

*Tick3 Tack3 Tock 3*

**Exercise 3 :***Create a class and spawn 3 threads. Make sure that the Thread2 executes always before*

*Thread3 irrespective of Thread1.*