Distributed Systems

Lab 4 – RMI

Lamport Scalar Clock

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```
C:\Windows\System32\cmd.exe - java S4

Server 4 & Client 4 have Started :)
Send Event has occured from Process 4 to Process 1 with time : 1
Send Event has occured from Process 4 to Process 2 with time : 2
Internal Event has occured in Process 4 with time : 3
Send Event has occured from Process 4 to Process 1 with time : 4
Send Event has occured from Process 4 to Process 2 with time : 5
Internal Event has occured in Process 4 with time : 6
Internal Event has occured in Process 4 with time : 7
Send Event has occured from Process 4 to Process 1 with time : 8
Send Event has occured from Process 4 to Process 3 with time : 9
Send Event has occured from Process 4 to Process 1 with time : 10
Internal Event has occured in Process 4 with time : 11
Send Event has occured from Process 4 to Process 2 with time : 12
Send Event has occured from Process 4 to Process 1 with time : 13
Internal Event has occured in Process 4 with time : 14
Send Event has occured from Process 4 to Process 2 with time : 15
```

```
C:\Windows\System32\cmd.exe - java S3

C:\Users\abhis\Downloads\DS>java S3
Server 3 & Client 3 have Started :)
Internal Event has occured in Process 3 with time : 1
Send Event has occured from Process 3 to Process 1 with time : 2
Send Event has occured from Process 3 to Process 1 with time : 3
Send Event has occured from Process 3 to Process 2 with time : 4
Internal Event has occured in Process 3 with time : 5
Internal Event has occured in Process 3 with time : 6
Send Event has occured from Process 3 to Process 2 with time : 7
Send Event has occured from Process 3 to Process 4 with time : 8
Send Event has occured from Process 3 to Process 2 with time : 9
Send Event has occured from Process 3 to Process 1 with time : 10
Send Event has occured from Process 3 to Process 4 with time : 11
Send Event has occured from Process 3 to Process 2 with time : 12
Internal Event has occured in Process 3 with time : 13
Send Event has occured from Process 3 to Process 1 with time : 14
Send Event has occured from Process 3 to Process 1 with time : 15
```

```
C:\Windows\System32\cmd.exe - Java S2

C:\Users\abhis\Downloads\DS>Java S2
Server 2 & Client 2 have Started :)
Send Event has occured from Process 2 to Process 4 with time : 1
Send Event has occured from Process 2 to Process 4 with time : 2
Internal Event has occured in Process 2 with time : 3
Send Event has occured from Process 2 to Process 1 with time : 4
Send Event has occured from Process 2 to Process 4 with time : 5
Send Event has occured from Process 2 to Process 1 with time : 6
Send Event has occured from Process 2 to Process 4 with time : 7
Internal Event has occured in Process 2 with time : 8
Internal Event has occured in Process 2 with time : 9
Send Event has occured from Process 2 to Process 1 with time : 10
Send Event has occured from Process 2 to Process 1 with time : 11
Send Event has occured from Process 2 to Process 4 with time : 12
Send Event has occured from Process 2 to Process 4 with time : 13
Internal Event has occured in Process 2 with time : 14
Internal Event has occured in Process 2 with time : 15
```

Thankyou!!