We have mentioned how we have provided the Raymond`s tree to the program.

**1**

**2**

**3**

**4**

**5**

Now Lets say , node4 has made a request :

**Output:**

Node 1 has entered critical section

Node 1 has executed

Node 1 exits critical section

Current request queue of Node 1: []

Node 4has made a request

Node 2 received request from Node 4

Current request queue of Node 2: []

Node 2has made a request

Node 1 received request from Node 2

Current request queue of Node 1: []

Node 1 passed the privilege to Node 2

Current request queue of Node 1:

Node 2 passed the privilege to Node 4

Current request queue of Node 2:

Node 4 has entered critical section

Node 4 has executed

Node 4 exits critical section

Current request queue of Node 4: []

Now, if CS Requesting nodes : node3 , node4

**Output :**

Node 1 has entered critical section

Node 1 has executed

Node 1 exits critical section

Current request queue of Node 1: []

Node 3 send a request

Node 1 received request from Node 3

Current request queue of Node 1: []

Node 1 passed the privilege to Node 3

Current request queue of Node 1:

Node 3 has entered critical section

Node 3 has executed

Node 3 exits critical section

Current request queue of Node 3: []

Node 4 send a request

Node 2 received request from Node 4

Current request queue of Node 2: []

Node 2 send a request

Node 1 received request from Node 2

Current request queue of Node 1: []

Node 1 send a request

Node 3 received request from Node 1

Current request queue of Node 3: []

Node 3 passed the privilege to Node 1

Current request queue of Node 3:

Node 1 passed the privilege to Node 2

Current request queue of Node 1:

Node 2 passed the privilege to Node 4

Current request queue of Node 2:

Node 4 has entered critical section

Node 4 has executed

Node 4 exits critical section

Current request queue of Node 4: []

**ISSUE WITH OUR PROGRAM**

Although we have been successful to display each stage from sending request to entering into CS and exit from it , we could not successfully display the FIFO Queue of each node .

**FUTURE PLAN**

Using Thread, we want to simulate execution of a node in CS for some time(seconds), and then the node will be exit from the CS.