Experiment-1

1 a) Write a C Program that simulates Shortest Job first CPU scheduling Algorithm.

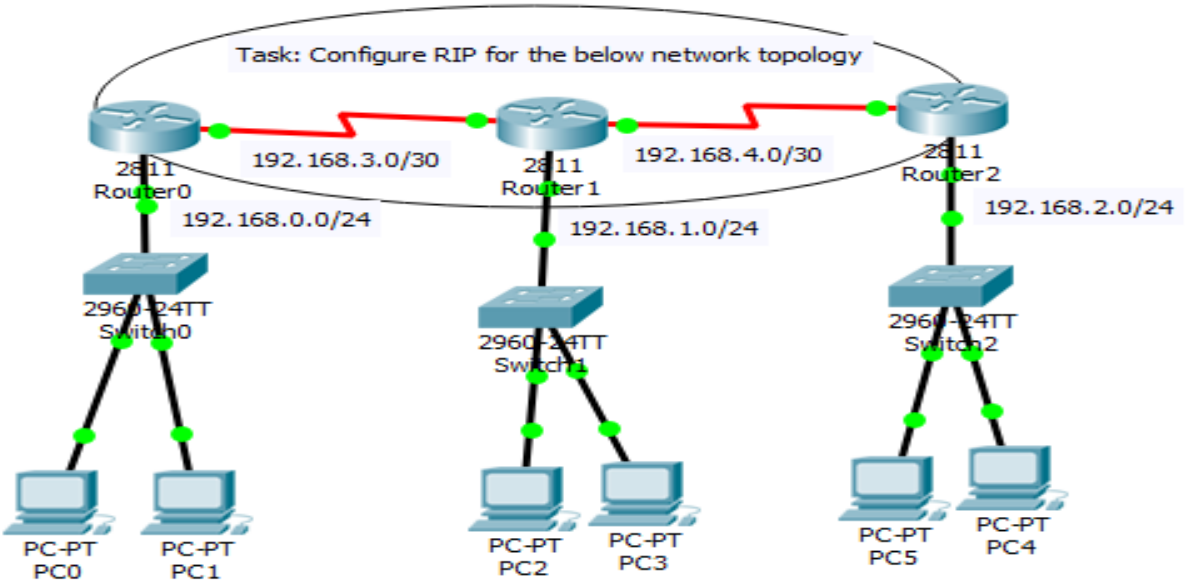
(OR)

b) Write a C program to stimulate Producer-Consumer Problem.

2 a) Implement routing information protocol (RIP) using CISCO packet tracer tool.

(OR)

b) Implement Static routing Protocol Using Cisco Packet tracer tool.



Note: Use the above Topology and Addresses for Implementation

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Experiment-2

1 a) Write a C Program that simulates Optimal page replacement scheduling Algorithm.

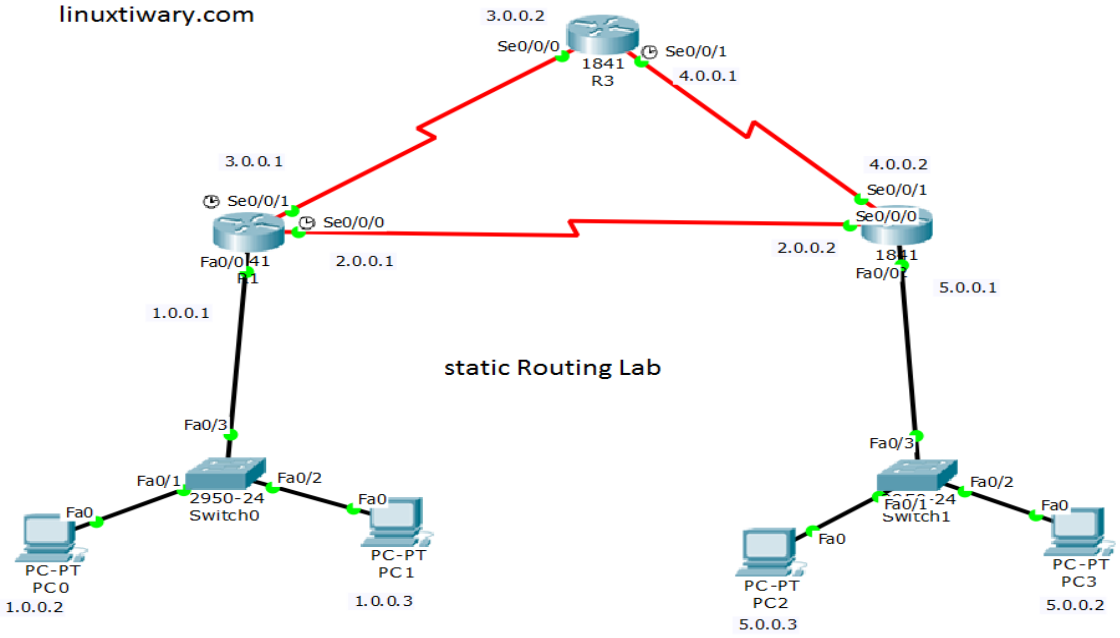
(OR)

b) Write a Program to stimulate the FCFS Disk scheduling Algorithms.

2 a) Implement routing information protocol (RIP) using CISCO packet tracer tool.

(OR)

b) Implement Static routing Protocol Using Cisco Packet tracer tool.



Note: Use the above Topology and Addresses for Implementation

Experiment-3

1 a) Write a C Program to implement Dead Lock Avoidance Banker's Algorithm.

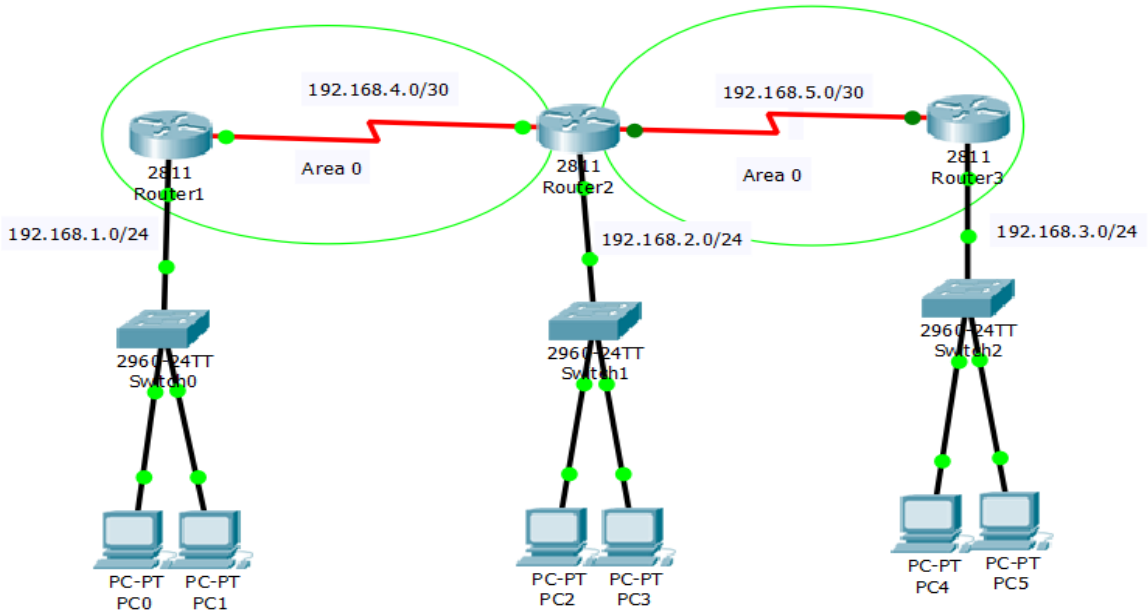
(OR)

b) Write a C program to stimulate Producer-Consumer Problem.

2 a) Implement OSPF using CISCO packet tracer tool.

(OR)

b) Implement Static routing Protocol Using Cisco Packet tracer tool.



Note: Use the above Topology and Addresses for Implementation

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Experiment-4

1 a) Write a C Program that simulates Optimal page replacement scheduling Algorithm.

(OR)

b) Write a C Program to stimulate MVT and MFT.

2 a) Implement routing information protocol (RIP) using CISCO packet tracer tool.

(OR)

b) Implement OSPF protocol Using Cisco Packet tracer tool.