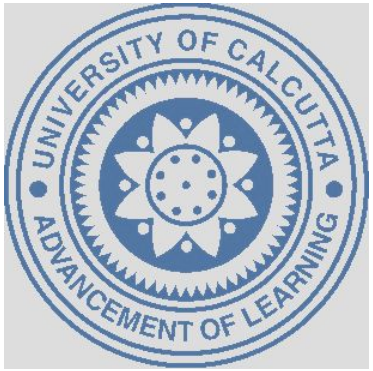
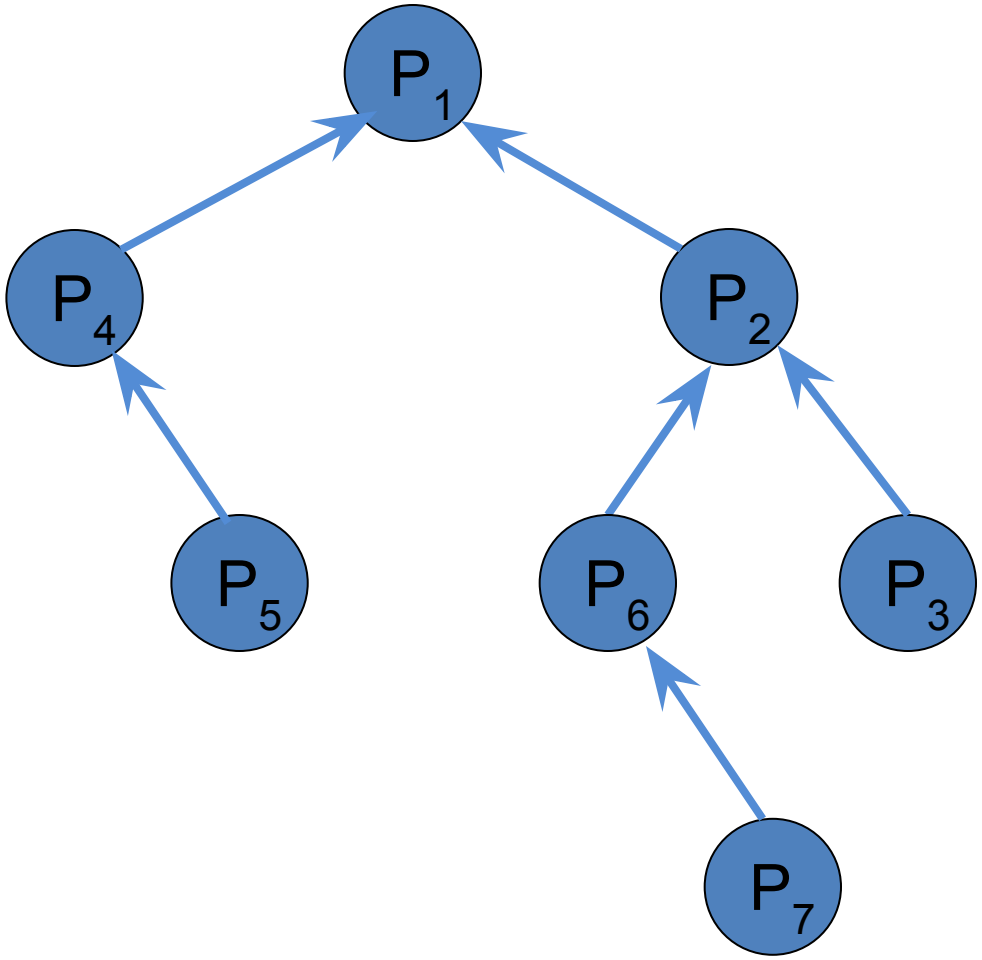
# Raymond's Algorithm

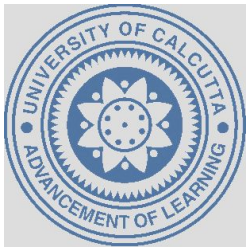
Assignment 04



# Diffusion-Computation approach

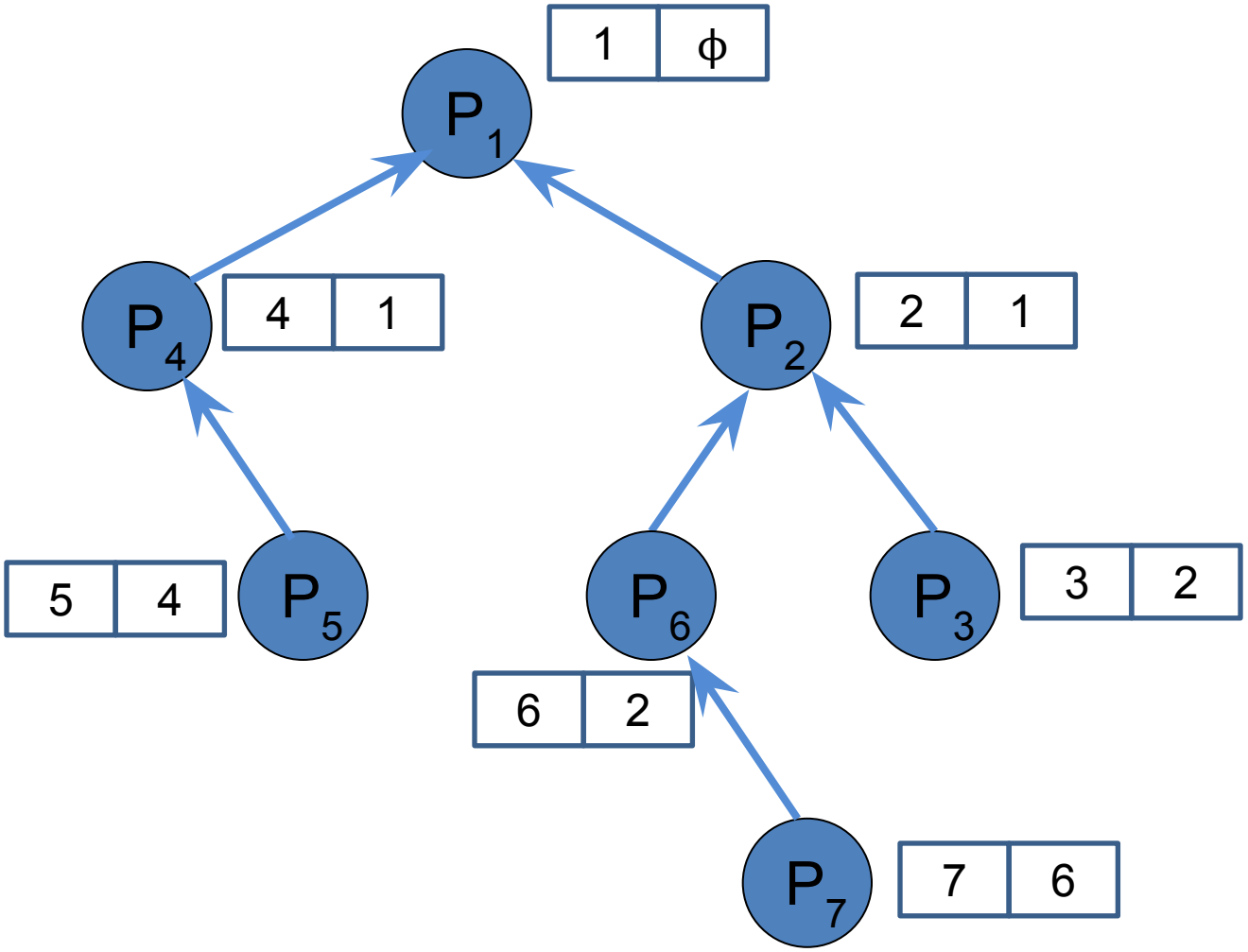


# Hints

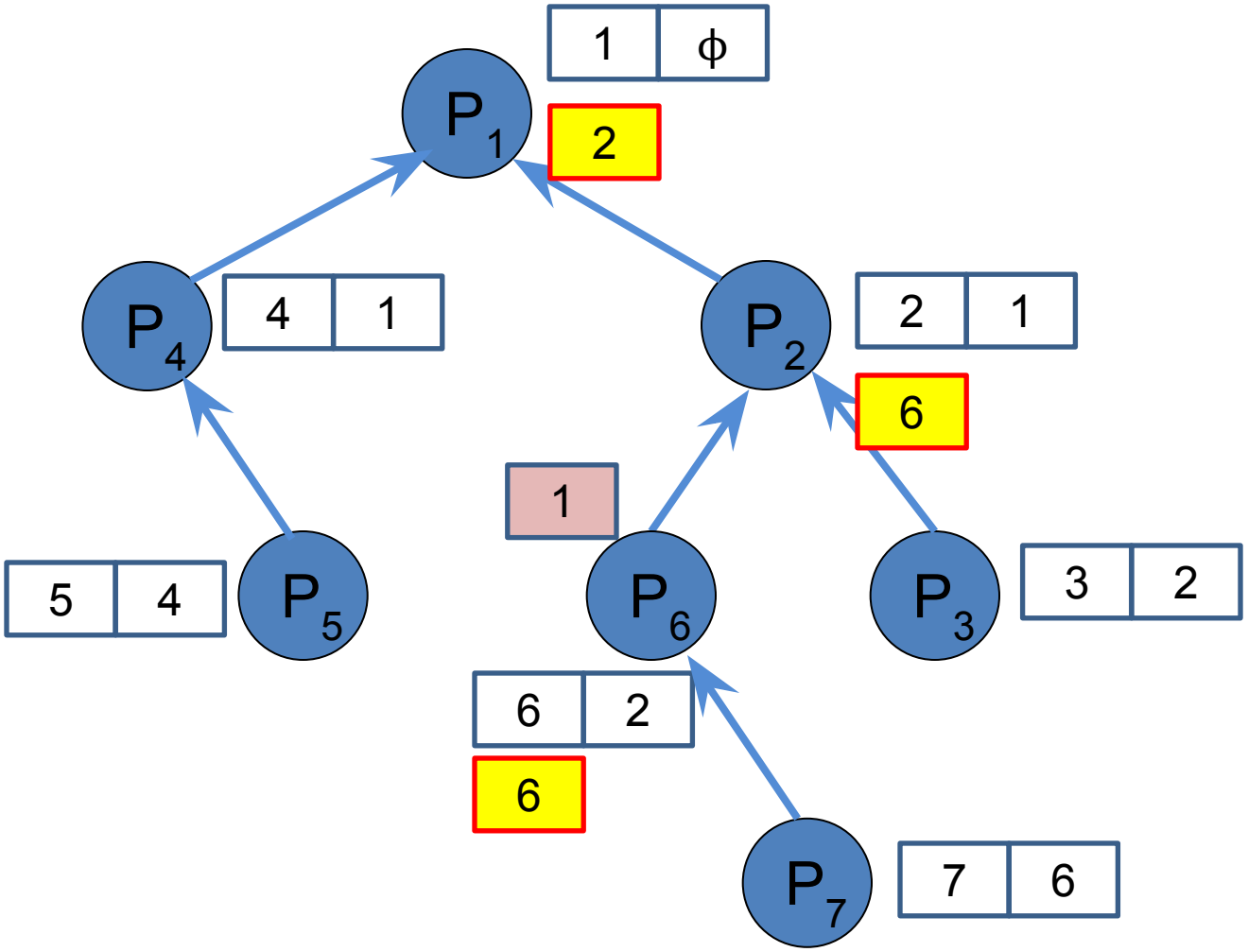



- Raymond's Algorithm works on an Inverted Tree. All you need to store is information about parent.
- Your parent will get your ID from the Token Request message

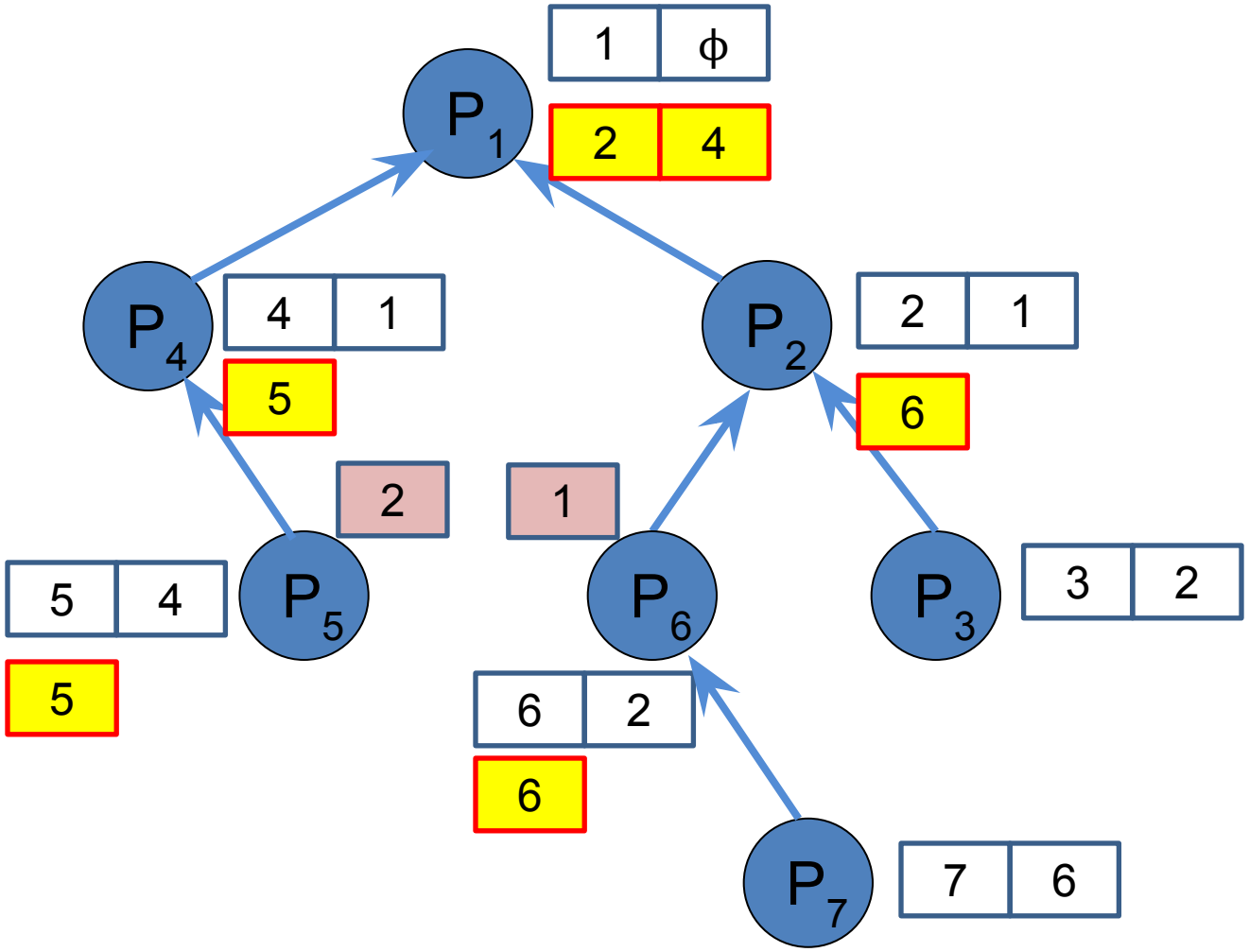
# Diffusion-Computation approach



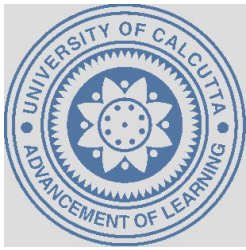
# Diffusion-Computation approach



# Diffusion-Computation approach

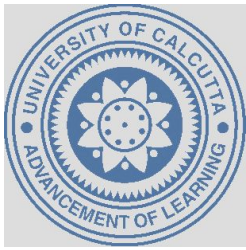


# Hints




- Take 3 to 4 requests considering the current $P_{hold}$ is in its CS
- You need to create queues in the requesting node and its predecessors
- When a predecessor node A has non-empty request queue, only ID of the requesting node B is entered in the node B's request queue

# Hints




- Compute till all the requesting nodes get token
- Show the changes in data structure at each stage