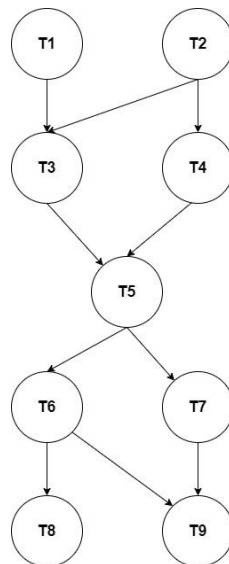


## Tutorial Series 3

### Exercise 1:

Consider the following precedence graph:



Write its corresponding parallel program using IPC's signal.

### Exercise 2:

Resolve the problem of producer/consumer using monitors.

### Exercise 3:

Resolve the problem of readers/writers with equity using using semaphores.

### Exercise 4:

Design an algorithm where Process A sends a list of integers to Process B through an unnamed pipe. Process B should read the integers, compute their sum, and display the result.

**Exercise 5:**

Create a program where Process A writes a string message into a named pipe, and Process B reads the message and displays it.