If you do it, it will help you in understanding the material. It is up to you.

I. What will be the outcome of changing the Signal definition for Binary Semaphores to:

```
V(S) {
s.value = 1;
remove a process P from s.queue;
wakeup(P);
}
```

II. Philosopher Problem

a) Can *Deadlock* occur in the Semaphore Solution of the Dining Philosopher Problem? Explain.

b) Is the *No Starvation* condition satisfied? Explain.

Note: For both questions consider separately:
1. operations on the Binary Semaphores are using Busy Waiting.
2. operations on the Binary Semaphores are using semaphore queues.
You will have to discuss 4 different cases.