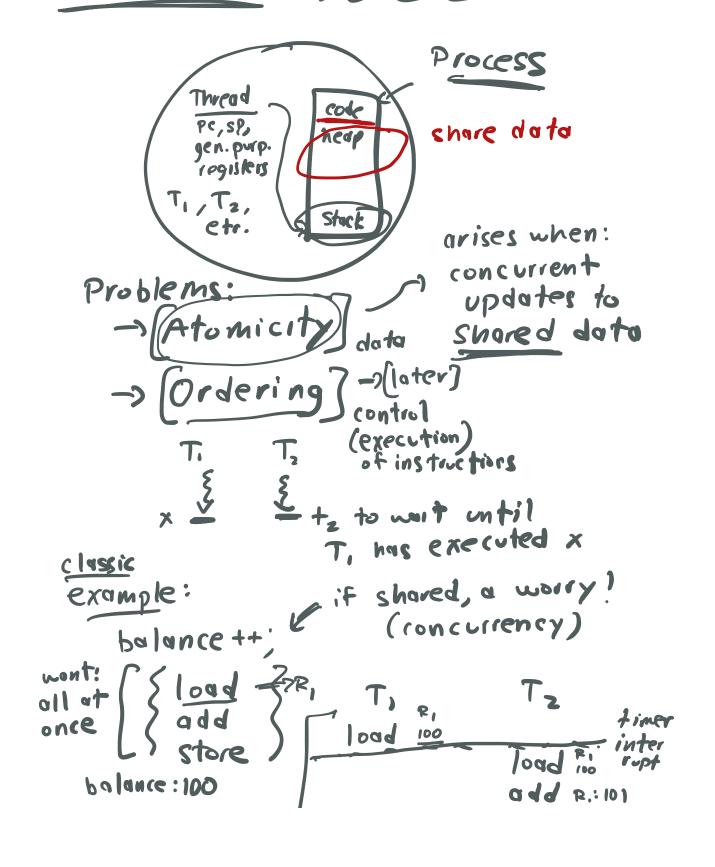
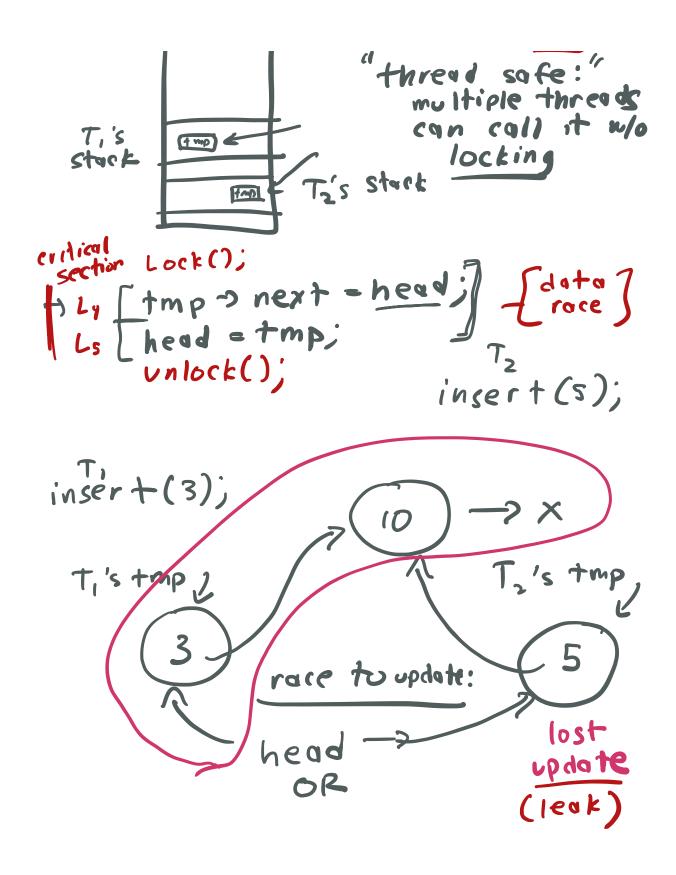
Concurrency: Continued



```
run twice, but balance
                     only inc'd once
  another example:
                     ( data structure)
      list insert
  list-insert() list-insert()
                              global:
   struct node }
                              node-+ ~ head;
        int value;
                              // init'd to
       node + * wext;
                                    NULL
void list-insert (int v) & ossume: "Hurred safe"
Li Inode + * tmp = malloc (sizeof(node +))
                                tmp: stack
13 /tmp => value = V;
  [tmp > next = head;]
[head = tmp;
                            each have their
```



node + * tmp = malloc (sizeof (node +)); Lock() if (type==NULL) forgot to unlock? tmp -> value = V; tmp = next = head; crit. sects
head = tmp; Unlock(); Qi) them to implement a lock? key: need h/w support (hardware) more powerful instructions => later, also need DS support Q2) what makes a good lock? properties: frirness, overhead, correctness Admin:

