(a) *checkpoint()* **in program.**

```
1: function _ UPDATE CFQ(_init_func[p1],P1_config1,argv1)
2:      tmp ← _init_func[p1]
3:      while tmp → next is not null do
4:          tmp ← tmp→next
5:          if tmp→func is P1_config1 then
6:              tmp→argv ← argv1
7:              return _init_func[p1]
8:          end if
9:      end while
10:     tmp→func ← P1_config1
11:     tmp→argv ← argv1
12:     return _init_func[p1]
13: end function
```

(b) **Pseudo code of _updateCFQ().**