[4-1] Concurrency - Tread 100455 Process = Resources x List < Thread > Thread - Continuation CEKT = < &, env, k, k...>

3
14-2/ (define ready-q empty)
(define spawn!
U (f)
(set! ready-g (cons f rady-g)))
(define exit!
(λ ()
(case ready-g of
[inl> unit]
[inr p -> (begin (set! ready-g (snd p))
((fst p))))

(let ([mem]) [print	
(Spaun! (1) (+ 2 4)) (e) (Spaun! (1) (+ 2 3)) (	x:4;)))
(spamy! (1) (print + 2 3)) (	ex;+!))/
(exit!)	
<b>,</b>	
Message - passing concurrency	If you send,
- change (	you block
send	until it
rea [A 3]	is record a
Schannels are synchronous	
1	

14-4/ (define make-channel
(hox empty)))
(define send!
() (chb v)
(case (first* (unbox chb) (in I false)) of
[in] -> (let/cc K
(extrapor) chb (cons (in) (noir 1/ to))
(exi+1)] (unbox ch b) ))
[inr K -> (begin (spawn! (A () (kv)))
(set-box! chb (rest* (unbex elis) + )
,

14-51 (define first*	Nst x
(y (1 96t)	
(case 1 of	
[ml - > def]	
[inr p -> (fst p)]))	snå
	•

14-6/ (define recu!
(d (chb)
(let chi = unbox chb in
(case (first* chi (inn false)) of
Linl p -> (let v == fst p in
let k = snd p in
(Spaun: (2 () (to unit)))
(sed-box! chb (rest* chl empty))
νJ
[inr - > (let/cc k (begin (set-box! chb (cons
(inr k) chl))
(exit())))))

```
14-71 (bet ch == (makeschannel) in
 (spen! [] () (send! ch 5))
 (reco! ch)
(let ch = (make-channel) in
(spens) (1 () (let i=0 in
              while true
                send! (h)
                set i = i+()))
 (+ (rectich) (+ (rectich) (rectich)))
```

14-8/ (lessue make-lock
(k (7 (define lock-in (make-rhannel))
(spawn! () ()
(while true (define intock-th (mke-channe))
(send! (recu! lock-ch))
(1 () (send! unlock-ch unit))
(recu! unlock-ch)))
(lock: lock-ch))
(define (lock! lock-ch)
[A] (define reply-th (make-thannel))
(send! lock-ch reply-ch)
(rear! reply-ch)))
,

14-91 fiture /promise
(define (make-fiture f)
(lettre reply-ch (make-channel))
(spann! (11) (define v (+))
(while true
(send! reply-ch v))))
(1 () (recv! reply-ch)))
,

[4-10] Add "special champels" for stoio Modejs