15-1/ (2-7 C3
exp: = (fun-ref label) (call arg arg)
tail := (tailcall ang ang)
defice (define (label [mr:ty]):ty
info [lakel dail])
P := (program info (def) label)

15-2
econ (rp into ds (app (framef main))) =
(cp in & (map econd ds) main)
econd (define (f [argo: ty] [argn: ty]): My e) =
(define (f Largo: HJ Cargn: HJ): rty L')
where L, + = econe e
L' = L[body +7 +]
econe (let x = (up radon rands) in body)
(sign (set: x (eq) rator rands)) (econe body)
econe (app motor rands) = (tail call rator rands)

15-3/ uncover-locals -> operate fons us progs
X2 -7 X3
arg:= fun-nef label
instr := (indirect-cally arg)
1 (tailjng lahel)
emit (morect-cally ang) -> cally * ang
e.g. cally = % nbx
(marcet-calle (fun-ref label) -> calle label
enit (fun-ref label) -> label (0/0 rio) (might n
leag

15-4/	
emit (tailimp label)	
	V
BECIN: save callee segs	
move dorsp, dorsp	
sulg \$55, Yorsp	imp label
3mp Body	
BODY: cally g	
iron ENA	
END: addy \$55, % rsp - post-lude	
restone caller regs	
restone caller regs -	

15-51 selecto (corrog; ds lat) = (xprog; (map selecteds) lonb) ary ali regs = < No rs: Non nex re ray selecte (define) (f [ao:tyo]...[an:tyn]): nty Clab = tail] begin-label) = (define i (f) lab = blk' stant-lab) where lab => blk = map select + lab => tail lab = blk = lab = blk [START +> (block & (movy ro ao) (movy r5 a5) (imp legm_hbel))

15-6/
selecte det (call rador rands) =
Mary an to
- O
mark as 15
mobile cally - (selecta motor)
movy Yorax, dst
•
select+ (tail call ration rands) =
(D) tailing (selecta rator)

15-4/								
con Hizts								
Commence to the second		~~~~	wniks	callee -s	iaurs	re95		
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