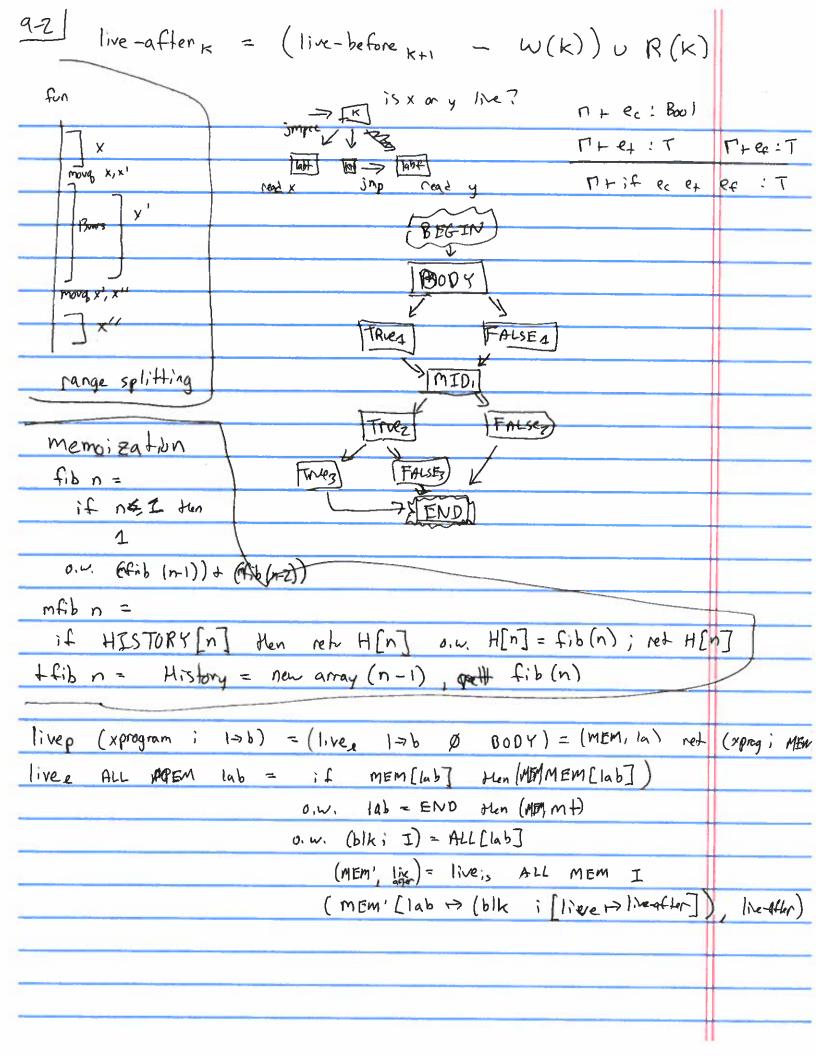
-1/ 87	1 prog I fun N labels 1 tail — now
•	
	1 pmy N fin M labels 1 tail - eventually
	locals
	select + (return a) := movg (selecta a) % rax
	imp END
	select + (seg s +) := selects s ++ select+ +
	select + (goto lab) == imp lab
	select+ (goto-if (cmp 1 r) lab+ labf) ==
	cmpg (selecta P) (selecta l); match cmp
	jmp cc lab $;$ where $(c = = \Rightarrow e)$
	imp labe <=> 1+ <=> 1e
	selecta (bool b) = if b Hen \$1 o.w. \$0
	selecte dist (not a) = movg (selecta a) dist;
	xorg \$1, dst
	selecte dot (cmp l r) = cmpg (selecta r), (selecta l);
	st cc % al
	movzbg %al, ds+
	type D = can 1 type it
	Lyes return & (program : [type = T]
	oin stron



```
live; SALL MEM mt = (MEM, m+)
lives ALL MEM (file) =
(MEM', la) = (livers ALL MEM r)
 case f with
    (imp lab) or (impre lab) =>
  (MEM', la lab) = (live ALL MEM' lab)
   (19100= -) = lalab (100, lar) = la
  (MEM", (la labo u lao): lar
   0.W, =>
         ( MEM', [190-W(f))/18(f):1 la )
                                   1, 7+ 1z
[X,y,z] = X!!y!!Z!!mf
Cons empty
 conflicts (cmpg, ) mp, imp-if) don't contrib
                    (ike retor
             empg cannot have constant in Zud pos
 patch
            cally BODY
 main
            movy % rax , % rd;
           cally 1-print-int if i[type] = Soy ten -print-int
            mong 0, % rax
            redx
```

9-4/ conditional move X.; = , ... | cmovg cc s, d cmpq l,r compa l, r impac labt move B, ds+ imp labf cmovy cc A, dst =7 labt: many A, dst ûmp mid labf: many B, dst imp mid mid: if op 1 r + f C.e = 1111 77 econe (let x := if (cmp 1 r) + f in b