```
10-1/
 uncover -locals
select + (retin a) = mong (select a a) obrax
                 jup END
select+ (sq s+) = selects s ++ select+ +
select (goto lab) = jmp lab
sealect (90 lo-if (cmp ac ax) lab + lab f) =
    empq (selecta ax), (selecta ax)
   imp cc labit cc = = ne cn 1
    jub lapt
relect a (Bool b) = if b then $1 on $0
selecte doct (not a) = many (Selector a) dot
                  xorg $1, dst
schede det (comp of ar) =
  compg (select or), (select or)
                          11= Enle 7~9
   setce % al
    movzbg % al, dst
```

10-21
live-afterk = (like-before kts - W(K)) v R(K)
BEGIN
Paris gatorit - 3mpcc
BODY 3Mpcc
(fre) faise) imp
imp mid) mid) mid)
junker (forlses) 3mp
(he3) (falses)
(end)

10-31
livep (program _ L) = after
where (M', after) = live L Ø BODT
Thee L M lab =
if m[lab] then (M, M[lab])
0.w. 193= END then (M, 8% mx3)
o.w. (M'[la] +7 after], after)
where (m', after) = live is L M L(lab)
live is L M EJ = (M, Ø)
TOURS L M (f::r) = live; L m' f after
where (M', after) a live; s L M n

10-4)
The; L M' f after =
if f = (imp lab) on (impac lab) Hen
(M'', after v after')
where (M", after') - linea L M' lab
0.0.
(M', (after \ w(f)) u (R(f)
empg, 3 mp, impec doubt have any intersences
(byterneg r) is like r
xory is like addy
Patch compg cart true a constant is 2nd pos
((as! he 2 men reft)
main: cally Body
mory 0/0 rax, 90 rd;
cally - printint = 0.v. print bool
may 30,000 rax
net

10-51	
	cmorg cc s,d
, ,	•
cmpg rix	cmpq F, l
impac labt	mong B, dst
labf	cmany cc A, dsf
last: many A, det	17
imp mid	1/
labf = mong B, ds+	Ce=lif op 1 r + f
Imp mid	econe (let x1= if (imp Ir) + f im))
mid:	ar alredy in
	rcoa - form