ای در C(n,x,in)=C(n,x,oun)≥ کینید C(s, x, in) = □ डावांट व हुआ ८०० ह न्युं औं के
مقدارده المرابع البع ميرس براى همل لذن ١٥٥٥ الفا	S
Ordorings up can chadu The procontat	tion of the analysis by ordening Th
values. \otimes $<$ C $<$ \square \longrightarrow Stands for an Possible run	rime -110
lubs least-upper-bound lub(1,2) = []	, lub(□, ⊗) = □, lub(1, ⊗) = 1
C(s,x, in) = lub 3 C(P,x, out) P is	s a Pre decessor of sq
Live ness A variable X is live at statement s	, if
- There exists a statement s' th	
-There is a Path From s to s'.	
-That Path has no interver	ning assignment to x. 5 =X
Liveness rule 1	live ness Rule 2
X=true	-X=true
X=? $X=true$ $X=?L(P, X, OUT) = V {L(S, X, in) S a successor of i$	1 4 X = ? 14 1
Liveness Rule 3	rhs
X=false	Liveness Rule \$ 1 +X=a
L(x:=e, x, in) = false if e does not refer to	
	اللوريم عدره false بنار بعد برد س كما
K liveness is backward analysis.	

