Homework 2

Introduction to CAD

107021129 黃明瀧

1. Calculate slack for each block

The tables below tabluates the process of finding slack for each of block. Slack is given in the rows marked as $S(X)$.

	A	B	C	D	F	G	H	I
$D(X)$	0	0	0	0	1	4	2	1
$A(Y)$ of predecessors	0	0	0	0	0	0;0	1	4
$R(X) - D(X)$ of successors	1;9	-1;12	-1;11	1;12	2;5	3;7	4;7	4;5
$A(X)$	0	0	0	0	1	4	3	5
$R(X)$	1	-1	-1	1	2	3	4	4
$R(X) - D(X)$	1	-1	-1	1	1	-1	2	3
$S(X)$	1	-1	-1	1	1	-1	1	-1

	J	K	L	M	N	O	P
$D(X)$	5	2	3	2	3	5	4
$A(Y)$ of predecessors	3;5	1;5	4;3	0;10	0;0	7;7	0;12
$R(X) - D(X)$ of successors	9	10	10	11	15	15	15
$A(X)$	10	7	7	12	3	12	16
$R(X)$	9	10	10	11	15	15	15
$R(X) - D(X)$	4	5	7	9	12	10	11
$S(X)$	-1	3	3	-1	12	3	-1