



Edge List

<b>S.N</b>	B	E	S	E	F	G	H	F	G
<b>D.N</b>	A	B	B	B	E	S	E	G	H
<b>Label</b>	aOBO	wAW	wAW	wAW	wGB	wGB	wGB	wDF	wDF

Edge List

<b>S.N</b>	D	E	R	E	F	I	J	F	I
<b>D.N</b>	A	D	D	D	E	R	E	I	J
<b>Label</b>	aOBO	wAW	wAW	wAW	wGB	wGB	wGB	wDF	wDF

Global Edge List

<b>S.N</b>	B	E	S	F	G	H	F	G	D	E	R	I	J	F	I
<b>D.N</b>	A	B	B	E	S	E	G	H	A	D	D	R	E	I	J
<b>Label</b>	aOBO	wAW	wAW	wGB	wGB	wGB	wDF	wDF	aOBO	wAW	wAW	wGB	wGB	wDF	wDF

$u_x$

1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0
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$u_y$

0	0	0	1	0	0	0	0	1	2	1	1	1	1	1	1
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