Output Screenshot:

Output Screenshot:			
TEST CASE 1			
Not Connected Graph			
Complete Graph			
vertic	es0ut	In	Total
1	2	2	
-			4
2	1	1	
2	1	Т	2
2		4	2
3	1	1	
			2
4	3	3	
			6
5	1	1	
			2
TEST CASE 2			
Connected Graph Complete Graph			
vertic	ecOut	In	Total
			Total
1	3	3	<u>c</u>
			6
2	3	3	
			6
3	3	3	
			6
4	3	3	
			6
TEST CASE 3			
Not Connected Graph			
Complete Graph			
vertic	ecOut	Tn	Total
		In	Total
1	3	3	
			6
2	3	3	
			6
3	3	3	
			6
4	3	3	
			6
5	0	0	
J		•	0
TEST C	ASE 4		
TEST CASE 4			
Not Connected Graph Not Complete Graph			
Not Co	mplete Gr	apn	
vertic		In	Total
1	0	1	
			1
2	1	3	
			4
3	2	2	
			4
4	3	2	
4		2	5
_	2	1	
5	3	1	