

$$G = (V, E)$$

$$V = \{1, 2, 3, 4, 5, 6, 7, 8\}$$

$$E = \{\{1, 2\}, \{2, 3\}, \{2, 4\}, \{3, 5\}, \{3, 6\}, \{3, 7\}, \{4, 8\}\}$$

$$Order_1 = \{(2)_1, (134)_2, (2567)_3, (8)_4, (3)_5, (3)_6, (3)_7, (4)_8\}$$

$$Order_2 = \{(2)_1, (143)_2, (2657)_3, (8)_4, (3)_5, (3)_6, (3)_7, (4)_8\}$$

